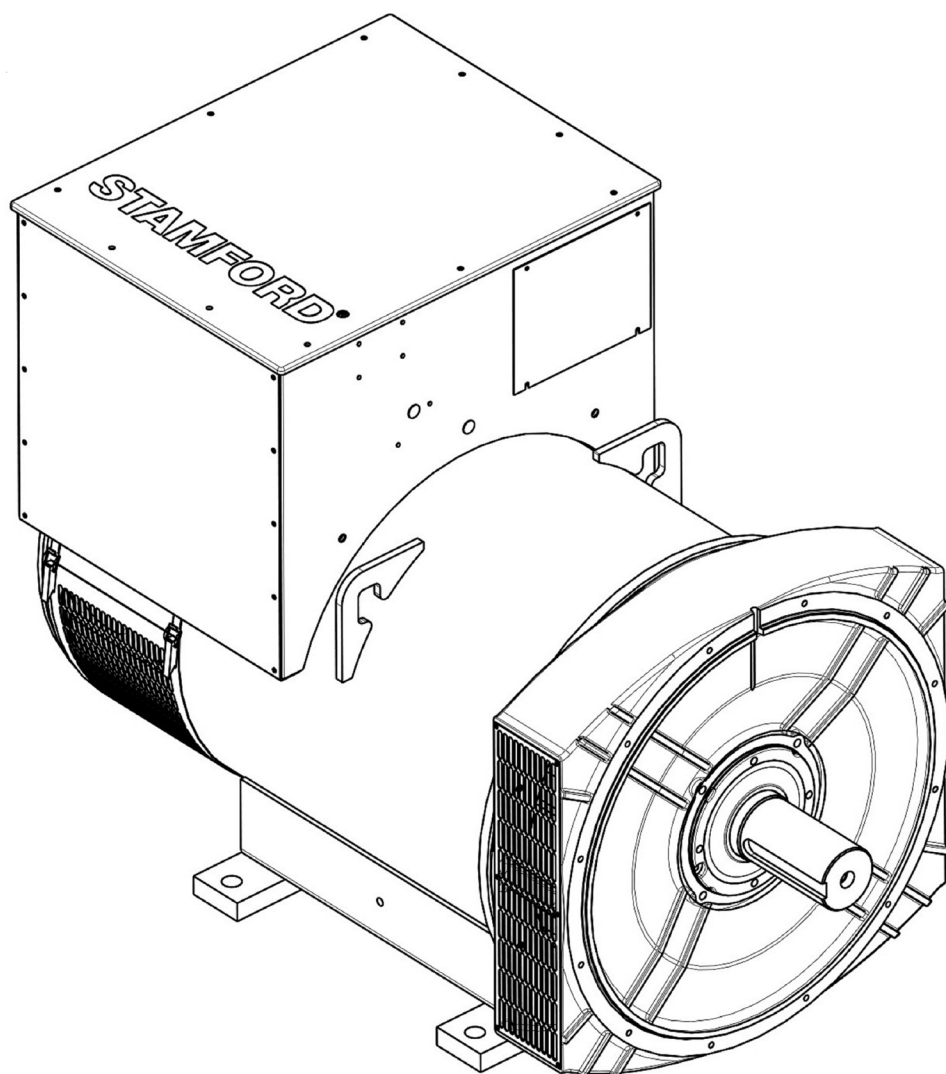


# Parts Manual

## Current Products





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## About This Manual

This manual applies to Cummins Generator Technologies Alternators. Each part illustrated is identified by a reference number corresponding to the list of part numbers in the accompanying table.

Alternator parts that have been modified or added by Cummins are identified in this manual. Contact your nearest authorized distributor for assistance in ordering replacement parts. All other replacement parts must be ordered from the alternator manufacturer by referring to the item nameplate and supplying all available information.

| Alternator Model | Alternator Model |
|------------------|------------------|
| P0               | S4               |
| P1               | HC534            |
| S0L1             | S5               |
| S0L2             | HC634            |
| S1L2             | S6               |
| UCD22-27         | P7               |
| UCI224           | S7               |
| UC127            | P80              |
| HC434            |                  |

### Alternator Parts:

Replacement parts not identified in this manual can be ordered by contacting your nearest dealer, to find your nearest dealer please go to:

**[www.stamford-avk.com](http://www.stamford-avk.com)**

For any technical enquiries please contact  
Cummins Generator Technologies Ltd  
+44(0)1780 484732

**email to: [emea.service@cummins.com](mailto:emea.service@cummins.com)**

For legacy products the manual is available on [www.stamford-avk.com](http://www.stamford-avk.com)

## **Quick Serve Online (QSOL)**

Documentation pertaining to the alternator are available on QuickServe Online.

QuickServe Online: <https://quickserve.cummins.com/info/index.html>

The information contained within this manual is based on information available at the time of going to print. In line with Cummins Generator Technologies policy of continuous development and improvement, information may change at any time without notice. Obtain the most up to date version available on QuickServe Online or contact your authorized distributor for assistance.

If further information is required, contact your authorized distributor.

## Model Identification

This manual covers alternator models produced under the Cummins Generator Technologies brand names. To avoid errors or delay in filling your parts order, always state the MODEL and SERIAL NUMBER from the Alternator nameplate.

The alternator serial number is located on a data tag on the alternator.

|                                              |  |                        |  |
|----------------------------------------------|--|------------------------|--|
| <b>STAMFORD®</b>                             |  |                        |  |
| SERIAL NUMBER                                |  | DUTY                   |  |
| FRAME / CORE                                 |  | EXCITATION VOLTAGE     |  |
| BASE/(PEAK) RATING kVA                       |  | EXCITATION CURRENT     |  |
| BASE/(PEAK) RATING kW                        |  | INSULATION CLASS       |  |
| AMPERES BR                                   |  | AMBIENT TEMPERATURE    |  |
| (TL)                                         |  | TEMPERATURE RISE       |  |
| FREQUENCY                                    |  | THERMAL CLASSIFICATION |  |
| RPM                                          |  | ENCLOSURE              |  |
| VOLTAGE                                      |  | STATOR WINDING         |  |
| PHASE                                        |  | STATOR CONNECTION      |  |
| PF                                           |  |                        |  |
| (BASE CONTINUOUS RATING kVA BR @ 125/40C)    |  |                        |  |
|                                              |  |                        |  |
| BS 5000, Part 3    IEC 60034-1    ISO 8528-3 |  |                        |  |

**For reference document your alternator information in the space below.**

Alternator Model Number: \_\_\_\_\_

## Abbreviations

Some of the following abbreviations may be used throughout this Parts Manual:

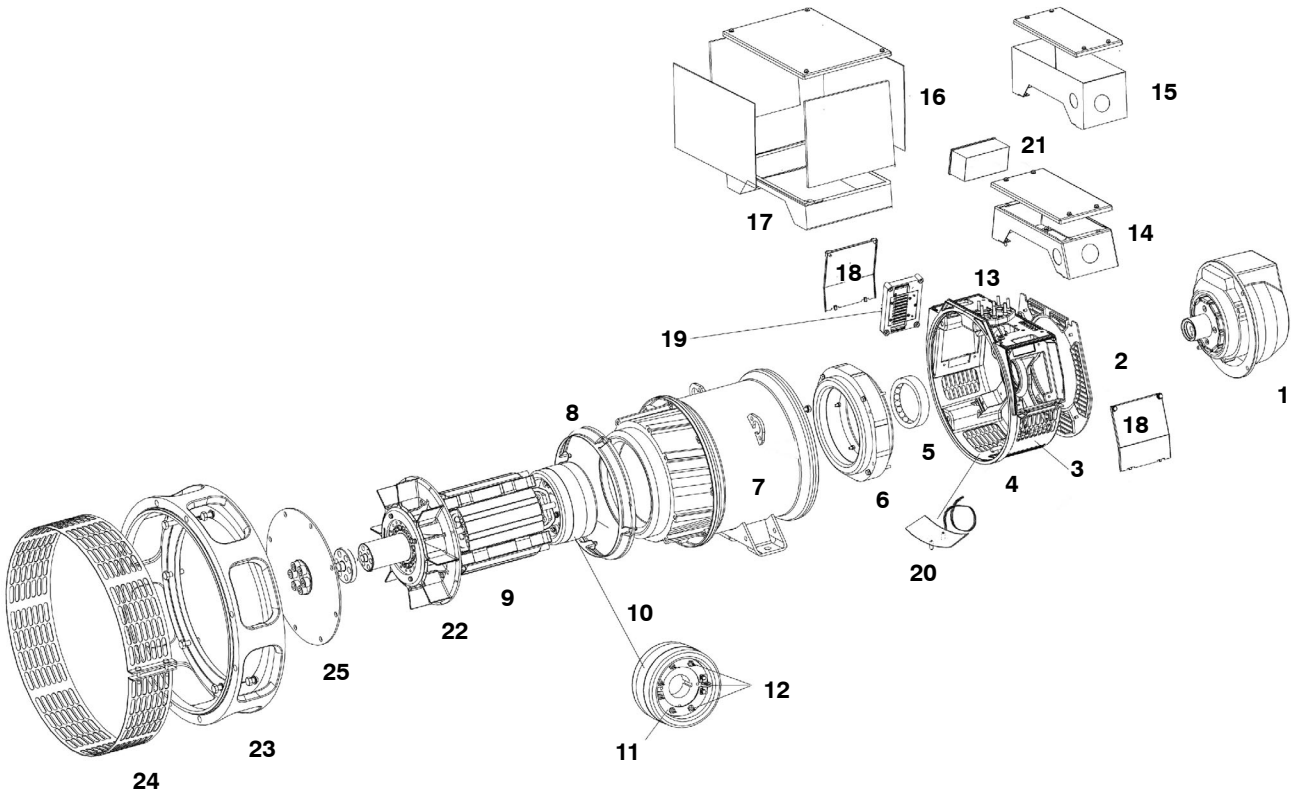
|         |                                  |
|---------|----------------------------------|
| AVR     | Automatic Voltage Regulator      |
| EBS     | Excitation Boost System          |
| DE      | Drive End                        |
| NDE     | Non-Drive End                    |
| PMG     | Permanent Magnet Generator       |
| QMSN    | Quote Manufacturer Serial Number |
| SAE     | Society of Automotive Engineers  |
| c/w     | Complete with                    |
| fwd/rev | Forward & reverse                |
| a/f     | Air filter                       |

## Planned Maintenance Kits

For the 30,000 hour service interval / 5 years maintenance, we recommend replacing several components in order to optimise the alternator's performance. These components are contained in the kits detailed below, for each alternator type. Kit's contain bearings, bearing assembly components, where necessary and rectifier service kits.

| New Kit Description (Bearing Type)                                  | New Kit Number | Qty per Machine |
|---------------------------------------------------------------------|----------------|-----------------|
| S1/P0/P1 – 1 BRG 30,000HR SER KIT                                   | A051C107       | 1               |
| P0/P1 – 2 BRG 30,000HR SER KIT                                      | A051C115       | 1               |
| S0 – 1 BRG 30,000HR SER KIT                                         | A054N489       | 1               |
| UC22 – 1 BRG 30,000HR SER KIT                                       | A051C212       | 1               |
| UC22 – 2 BRG 30,000HR SER KIT                                       | A051C216       | 1               |
| HC4/S4 – 1 BRG 30,000HR SER KIT                                     | A051C225       | 1               |
| HC4/S4 – 2 BRG 30,000HR SER KIT                                     | A051C230       | 1               |
| HC5 / S5 / S5L1D Bearing 30,000HR SER KIT (Sealed)                  | A051C232       | 1               |
| HC5 / S5 2 BRG 30,000HR SER KIT (Sealed)                            | A051C234       | 1               |
| HC5 / S5 1 BRG 30,000HR SER KIT (Regreaseable)                      | A051Z125       | 1               |
| HC5 / S5 2 BRG 30,000HR SER KIT (Regreaseable)                      | A051Z131       | 1               |
| HC6 / S6 / S6L1D G–H Core 1 BRG 30,000HR SER KIT (Sealed)           | A051C237       | 1               |
| HC6 / S6 / S6L1D G–H Core 2 BRG 30,000HR SER KIT (Sealed)           | A051C243       | 1               |
| S6L1D 2 BRG C–F Core 30,000HR SER KIT (Sealed)                      | A059R029       | 1               |
| HC6 / S6 – 1 BRG 30,000HR SER KIT (Regreaseable)                    | A051Z133       | 1               |
| HC6 / S6 – 2 BRG 30,000HR SER KIT (Regreaseable)                    | A051Z137       | 1               |
| P7 / S7 1 BRG 30,000HR SER KIT (Sealed)                             | A051Z145       | 1               |
| P7 / S7 BRG 30,000HR SER KIT (Regreaseable)                         | A051C251       | 1               |
| P7 A–E core / S7 C–F core 2 BRG 30,000HR SER KIT A?E (Regreaseable) | A051C255       | 1               |
| P7 F–G core / S7 G–J core 2 BRG 30,000HR SER KIT F?G (Regreaseable) | A051C257       | 1               |
| P80 – 1 BRG 30,000HR SER KIT                                        | A051C282       | 1               |
| P80 – 2 BRG 30,000HR SER KIT RST                                    | A051C285       | 1               |
| P80 – 2 BRG 30,000HR SER KIT XYZ                                    | A051C291       | 1               |

P0 – 1 Bearing



## P0 – 1 Bearing

| Item | Part No.      | Description                                                            | Qty |
|------|---------------|------------------------------------------------------------------------|-----|
| 1    | 45-1210       | EBS Unit (4 Pole)                                                      | 1   |
|      | E000-14831    | EBS Module Only for 45-1210 & 45-1212                                  | 1   |
|      | 45-1212       | EBS Unit (2 Pole)                                                      | 1   |
|      | 45-1211       | EBS Unit (Cummins PCC 1302 – 4 Pole)                                   | 1   |
|      | E000-14851    | EBS Module Only for 45-1211 & 45-1213                                  | 1   |
|      | 45-1213       | EBS Unit (Cummins PCC 1302 – 2 Pole)                                   | 1   |
| 2    | 191-10061     | NDE Cover for use with EBS                                             | 1   |
|      | 191-10045     | NDE Cover for use without EBS (Not Shown)                              | 1   |
| 3    | 190-10018     | NDE Endbracket Bottom Cover                                            | 1   |
| 4    | 190-10025     | NDE Endbracket                                                         | 1   |
| 5    | 45-0866       | Bearing Kit                                                            | 1   |
| 6    | 190-1038      | Exciter Stator 20mm (D, E & F)                                         | 1   |
|      | 190-1039      | Exciter Stator 25mm (G & H)                                            | 1   |
|      | A052F554      | Exciter Stator 20mm Severe Environmental                               | 1   |
|      | A052F650      | Exciter Stator 25mm Severe Environmental                               | 1   |
| 7    | QMSN          | Stator Frame Assembly                                                  | 1   |
| 8    | 191-10091     | Air Flow Baffle                                                        | 1   |
| 9    | QMSN          | Rotor Shaft Assembly                                                   | 1   |
| 10   | 190-1040      | Exciter Rotor 20mm (D, E & F)                                          | 1   |
|      | 190-1041      | Exciter Rotor 25mm (G & H)                                             | 1   |
| 11   | 45-0427       | Rotating Rectifier Assembly                                            | 1   |
| 12   | RSK-1101      | Diode Fwd/Rev & Varistor Kit                                           | 1   |
| 13   | 191-10057     | Terminal, Board                                                        | 1   |
| 14   | 45-1165       | Standard Terminal Box Kit (D)                                          | 1   |
| 15   | 45-1206       | Tall Terminal Box Kit                                                  | 1   |
| 16   | 45-1166       | Large Terminal Box Kit                                                 | 1   |
| 17   | 45-1175       | Terminal Box Plinth (Included in Item 16)                              | 1   |
| 18   | 190-10027     | AVR Cover                                                              | 2   |
| 19   | E000-14808/1P | AVR AS480 UL Approved Only Supplied                                    | 1   |
| 20   | 45-1161       | Heater Kit 230V                                                        | 1   |
|      | A040G608      | Heater Kit 230V to Include Terminal Box for Retrofit                   | 1   |
|      | 45-1162       | Heater Kit 115V                                                        | 1   |
|      | A040G612      | Heater Kit 115V to Include Terminal Box for Retrofit                   | 1   |
|      | 45-1163       | Heater Kit 24V                                                         | 1   |
|      | A040G614      | Heater Kit 24V to Include Terminal Box for Retrofit                    | 1   |
|      | 45-1164       | Heater Kit 12V                                                         | 1   |
|      | A040G618      | Heater Kit 12V to Include Terminal Box for Retrofit                    | 1   |
| 21   | 45-1205       | Heater Terminal Box for Retrofit Not Included in Heater Kits (Item 20) | 1   |
| 22   | 191-10042     | Fan                                                                    | 1   |
| 23   | 45-1190       | Adapter Kit SAE 2                                                      | 1   |

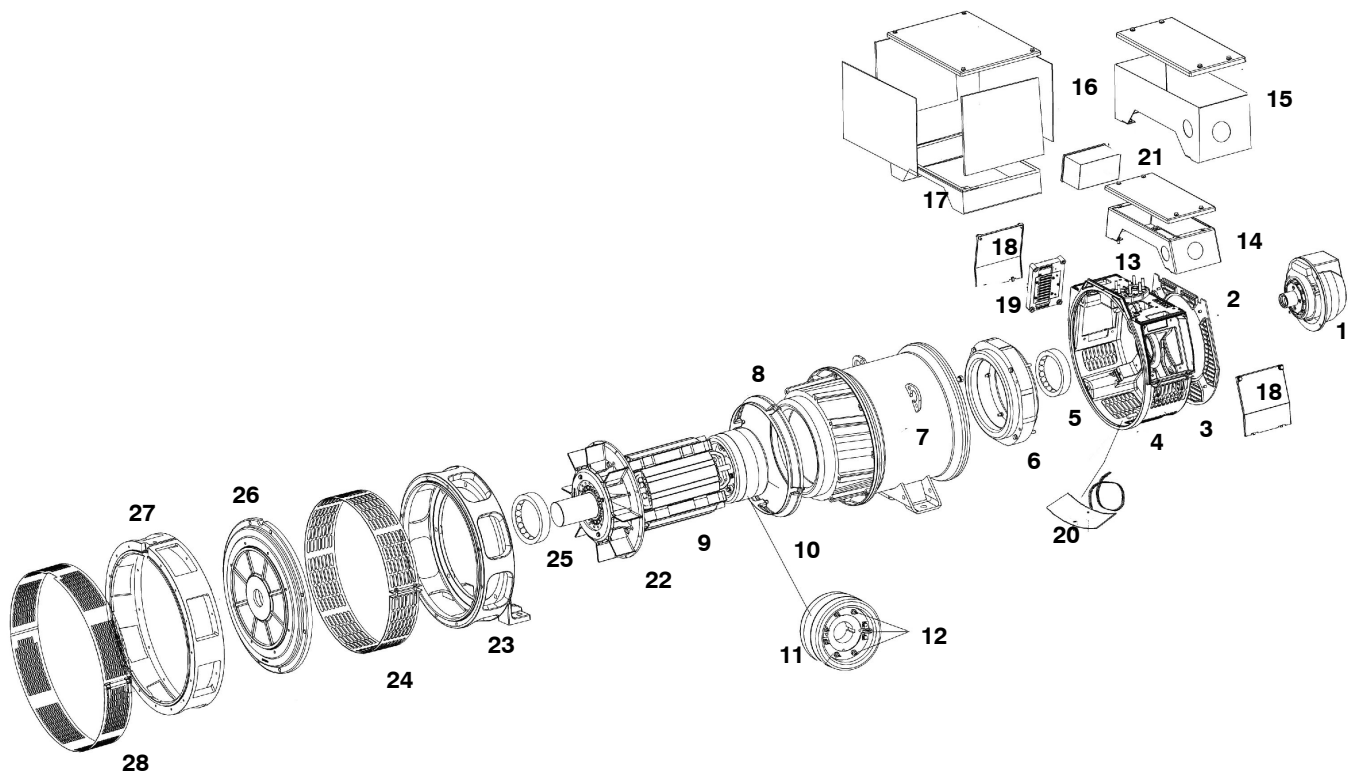
## P0 – 1 Bearing (Continued)

| Item | Part No.    | Description                                       | Qty |
|------|-------------|---------------------------------------------------|-----|
|      | 45-1191     | Adapter Kit SAE 3                                 | 1   |
|      | 45-1192     | Adapter Kit SAE 4 (D,E,F,G)                       | 1   |
|      | 45-1197     | Adapter Kit SAE 4 (Spacer 28.5)                   | 1   |
|      | 45-1193     | Adapter Kit SAE 5                                 | 1   |
|      | 45-1195     | Adapter Kit SAE 5 (Spacer 26 Wide Lister Alpha)   | 1   |
|      | 45-1196     | Adapter Kit SAE 5 (Spacer 51.5 Wide Lister Alpha) | 1   |
|      | 45-1194     | Adapter Kit SAE 6                                 | 1   |
|      | 45-1198     | Adapter Kit (AIFO)                                | 1   |
|      | 45-1199     | Adapter Kit (GM)                                  | 1   |
| 24   | See Item 19 | Adapter Screen Included in Kit                    | 1   |
| 25   | 45-1170     | Coupling Kit SAE 6.5 (3mm)                        | 1   |
|      | 45-1181     | Coupling Kit SAE 6.5 (3mm) (For SAE6 Adaptor)     | 1   |
|      | 45-1183     | Coupling Kit SAE 6.5 (Dished Disc) AN13.3         | 1   |
|      | 45-1185     | Coupling Kit SAE 6.5 (Dished Disc) AN30.2         | 1   |
|      | 45-1171     | Coupling Kit SAE 7.5                              | 1   |
|      | 45-1209     | Coupling Kit SAE 7.5 (3mm) (Special for D Core)   | 1   |
|      | 45-1204     | Coupling Kit SAE 7.5 (Kubota) (1.2mm)             | 1   |
|      | 45-1184     | Coupling Kit SAE 7.5 (Dished Disc) AN13.3         | 1   |
|      | 45-1186     | Coupling Kit SAE 7.5 (Dished Disc) AN30.2         | 1   |
|      | 45-1188     | Coupling Kit (GM Adapter Up to G)                 | 1   |
|      | 45-1172     | Coupling Kit SAE 8 (3mm)                          | 1   |
|      | 45-1173     | Coupling Kit SAE 10 (3mm)                         | 1   |
|      | 45-1174     | Coupling Kit SAE 11.5 (3mm)                       | 1   |
|      | 45-1180     | Coupling Kit Lister/Alpha (Use with 45-1195 Only) | 1   |



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P0 – 2 Bearing



## P0 – 2 Bearing

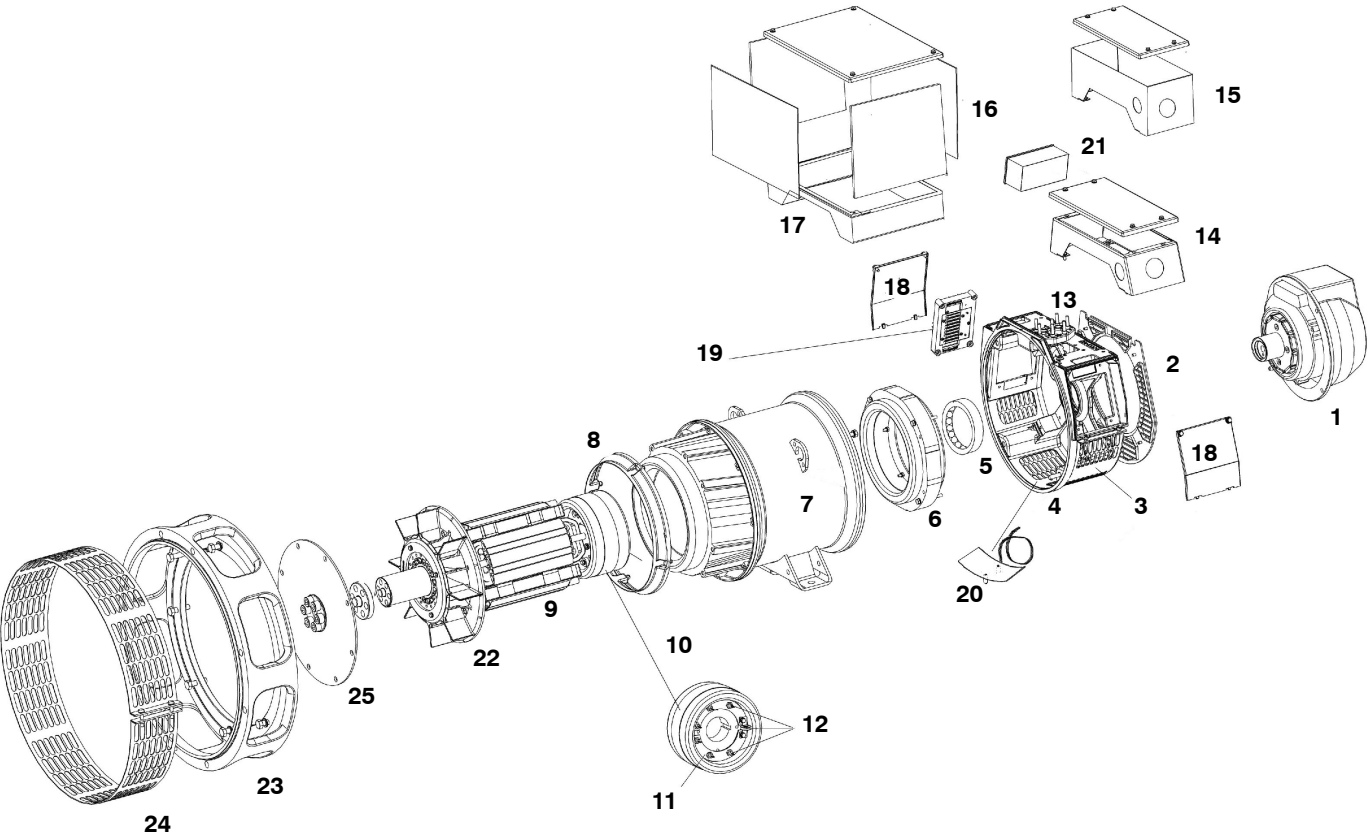
| Item | Part No.      | Description                                          | Qty |
|------|---------------|------------------------------------------------------|-----|
| 1    | 45-1210       | EBS Unit (4 Pole)                                    | 1   |
|      | E000-14831    | EBS Module Only for 45-1210 & 45-1212                | 1   |
|      | 45-1212       | EBS Unit (2 Pole)                                    | 1   |
|      | 45-1211       | EBS Unit (Cummins PCC 1302 – 4 Pole)                 | 1   |
|      | E000-14851    | EBS Module Only for 45-1211 & 45-1213                | 1   |
|      | 45-1213       | EBS Unit (Cummins PCC 1302 – 2 Pole)                 | 1   |
| 2    | 191-10061     | NDE Cover for Use With EBS                           | 1   |
|      | 191-10045     | NDE Cover for Use Without EBS (Not Shown)            | 1   |
| 3    | 190-10018     | NDE Endbracket Bottom Cover                          | 1   |
| 4    | 190-10025     | NDE Endbracket                                       | 1   |
| 5    | 45-0866       | Bearing Kit                                          | 1   |
| 6    | 190-1038      | Exciter Stator 20mm (D, E & F)                       | 1   |
|      | 190-1039      | Exciter Stator 25mm (G & H)                          | 1   |
|      | A052F554      | Exciter Stator 20mm Severe Environmental             | 1   |
|      | A052F650      | Exciter Stator 25mm Severe Environmental             | 1   |
| 7    | QMSN          | Stator Frame Assembly                                | 1   |
| 8    | 191-10091     | Air Flow Baffle                                      | 1   |
| 9    | QMSN          | Rotor Shaft Assembly                                 | 1   |
| 10   | 190-1040      | Exciter Rotor 20mm (D, E & F)                        | 1   |
|      | 190-1041      | Exciter Rotor 25mm (G & H)                           | 1   |
| 11   | 45-0427       | Rotating Rectifier Assembly                          | 1   |
| 12   | RSK-1101      | Diode Fwd/Rev & Varistor Kit                         | 1   |
| 13   | 191-10057     | Terminal, Board                                      | 1   |
| 14   | 45-1165       | Standard Terminal Box Kit (D)                        | 1   |
| 15   | 45-1206       | Tall Terminal Box Kit                                | 1   |
| 16   | 45-1166       | Large Terminal Box Kit                               | 1   |
| 17   | 45-1175       | Terminal Box Plinth (Included in Item 16)            | 1   |
| 18   | 190-10027     | AVR Cover                                            | 2   |
| 19   | E000-14808/1P | AVR AS480 UL Approved Only Supplied                  | 1   |
| 20   | 45-1161       | Heater Kit 230V                                      | 1   |
|      | A040G608      | Heater Kit 230V to Include Terminal Box for Retrofit | 1   |
|      | 45-1162       | Heater Kit 115V                                      | 1   |
|      | A040G612      | Heater Kit 115V to Include Terminal Box for Retrofit | 1   |
|      | 45-1163       | Heater Kit 24V                                       | 1   |
|      | A040G614      | Heater Kit 24V to Include Terminal Box for Retrofit  | 1   |
|      | 45-1164       | Heater Kit 12V                                       | 1   |
|      | A040G618      | Heater Kit 12V to Include Terminal Box for Retrofit  | 1   |

## P0 – 2 Bearing (Continued)

| Item | Part No.    | Description                                                            | Qty |
|------|-------------|------------------------------------------------------------------------|-----|
| 21   | 45-1205     | Heater Terminal Box for Retrofit Not Included in Heater Kits (Item 20) | 1   |
| 22   | 191-10042   | Fan                                                                    | 1   |
| 23   | 190-10043   | DE Bracket                                                             | 1   |
| 24   | 190-10016   | DE Screen                                                              | 1   |
| 25   | 45-0363     | DE Bearing Kit                                                         | 1   |
| 26   | 190-10044   | DE Endplate                                                            | 1   |
| 27   | 45-1200     | Adapter Kit SAE 2                                                      | 1   |
|      | 45-1201     | Adapter Kit SAE 3                                                      | 1   |
|      | 45-1202     | Adapter Kit SAE 4                                                      | 1   |
|      | 45-1203     | Adapter Kit SAE 5                                                      | 1   |
| 28   | See Item 27 | Adaptor screen included in kit                                         | 1   |

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P1 – 1 Bearing



## P1 – 1 Bearing

| Item | Part No.   | Description                                      | Qty |
|------|------------|--------------------------------------------------|-----|
| 1    | 45-1210    | EBS Unit (4 Pole)                                | 1   |
|      | E000-14831 | EBS Module Only for 45-1210 & 45-1212            | 1   |
|      | 45-1212    | EBS Unit (2 Pole)                                | 1   |
|      | 45-1211    | EBS Unit (Cummins PCC 1302 – 4 Pole)             | 1   |
|      | E000-14851 | EBS Module Only for 45-1211 & 45-1213            | 1   |
|      | 45-1213    | EBS Unit (Cummins PCC 1302 – 2 Pole)             | 1   |
| 2    | 191-10061  | NDE Cover for use with EBS                       | 1   |
|      | 191-10045  | NDE Cover for use without EBS (Not Shown)        | 1   |
| 3    | 190-10018  | NDE Endbracket Bottom Cover (D)                  | 1   |
|      | 190-10035  | NDE Endbracket Bottom Cover ( E – K)             | 1   |
| 4    | 190-10025  | NDE Endbracket (D)                               | 1   |
|      | 191-10055  | NDE Endbracket (E – K)                           | 1   |
| 5    | 45-0866    | Bearing Kit                                      | 1   |
| 6    | 190-1039   | Exciter stator 25mm (D )                         | 1   |
|      | 191-1067   | Exciter stator 30mm (E)                          | 1   |
|      | 191-1068   | Exciter stator 34mm (F – G)                      | 1   |
|      | 191-1069   | Exciter stator 38mm (H – K)                      | 1   |
|      | A052F650   | Exciter stator 25mm (D) Severe Environmental     | 1   |
|      | A052F652   | Exciter stator 30mm (E) Severe Environmental     | 1   |
|      | A052F660   | Exciter stator 34mm (F – G) Severe Environmental | 1   |
|      | A052F805   | Exciter stator 38mm (H – K) Severe Environmental | 1   |
| 7    | QMSN       | Stator Frame Assembly                            | 1   |
| 8    | 191-10091  | Air Flow Baffle                                  | 1   |
| 9    | QMSN       | Rotor Shaft Assembly                             | 1   |
| 10   | 190-1041   | Exciter Rotor 25mm (G & H)                       | 1   |
|      | 191-1072   | Exciter Rotor 30mm (E )                          | 1   |
|      | 191-1063   | Exciter Rotor 34mm (F – G)                       | 1   |
|      | 191-1064   | Exciter Rotor 38mm(H – K)                        | 1   |
| 11   | 45-0427    | Rotating Rectifier Assembly                      | 1   |
| 12   | RSK-1101   | Diode Fwd/Rev & Varistor Kit                     | 1   |
| 13   | 191-10057  | Terminal, Board                                  | 1   |
| 14   | 45-1165    | Standard Terminal Box Kit (D)                    | 1   |
|      | 45-1168    | Standard Terminal Box Kit ( E – K )              | 1   |
|      | 45-1169    | Standard Terminal Box Kit CPG Set (E-K)          | 1   |
| 15   | 45-1206    | Tall Terminal Box Kit                            | 1   |
| 16   | 45-1166    | Large Terminal Box Kit (D) C/W plinth            | 1   |
|      | 45-1167    | Large Terminal Box Kit ( E – K) C/W Plinth       | 1   |
| 17   | 45-1175    | Terminal Box Plinth (D)                          | 1   |
|      | 45-1176    | Terminal Box Plinth (E – K)                      | 1   |
| 18   | 190-10027  | AVR Cover (D)                                    | 2   |

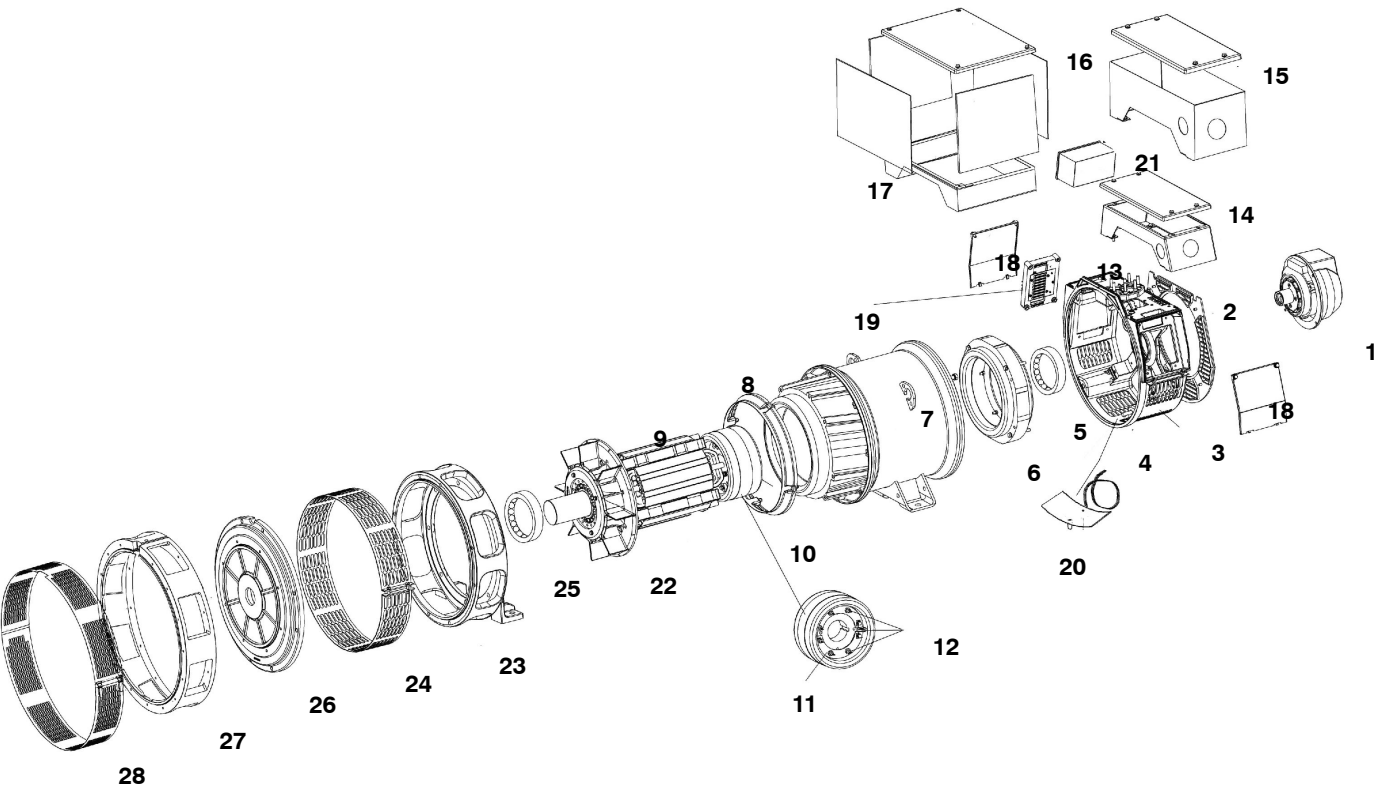
## P1 – 1 Bearing (Continued)

| Item | Part No.      | Description                                                            | Qty |
|------|---------------|------------------------------------------------------------------------|-----|
|      | 191-10056     | AVR Cover (E – K)                                                      | 2   |
| 19   | E000-14808/1P | AVR AS480 UL Approved Only Supplied                                    | 1   |
| 20   | 45-1161       | Heater Kit 230V                                                        | 1   |
|      | A040G608      | Heater Kit 230V to Include Terminal Box for Retrofit                   | 1   |
|      | 45-1162       | Heater Kit 115V                                                        | 1   |
|      | A040G612      | Heater Kit 115V to Include Terminal Box for Retrofit                   | 1   |
|      | 45-1163       | Heater Kit 24V                                                         | 1   |
|      | A040G614      | Heater Kit 24V to Include Terminal Box for Retrofit                    | 1   |
|      | 45-1164       | Heater Kit 12V                                                         | 1   |
|      | A040G618      | Heater Kit 12V to Include Terminal Box for Retrofit                    | 1   |
| 21   | 45-1205       | Heater Terminal Box for Retrofit Not Included in Heater Kits (Item 20) | 1   |
| 22   | 191-10042     | Fan 290 mm (D-G)                                                       | 1   |
|      | 191-10059     | Fan 344 mm (H – K)                                                     | 1   |
| 23   | 45-1190       | Adapter Kit SAE 2                                                      | 1   |
|      | 45-1191       | Adapter Kit SAE 3                                                      | 1   |
|      | 45-1192       | Adapter Kit SAE 4 (D,E,F,G)                                            | 1   |
|      | 45-1197       | Adapter Kit SAE 4 (Spacer 28.5)                                        | 1   |
|      | 45-1193       | Adapter Kit SAE 5                                                      | 1   |
|      | 45-1195       | Adapter Kit SAE 5 (Spacer 26 Wide Lister Alpha)                        | 1   |
|      | 45-1196       | Adapter Kit SAE 5 (Spacer 51.5 Wide Lister Alpha)                      | 1   |
|      | 45-1194       | Adapter Kit SAE 6                                                      | 1   |
|      | 45-1198       | Adapter Kit (AIFO)                                                     | 1   |
|      | 45-1199       | Adapter Kit (GM)                                                       | 1   |
| 24   | See Item 23   | Adapter Screen Included in Kit                                         | 1   |
| 25   | 45-1170       | Coupling Kit SAE 6.5 (3mm)                                             | 1   |
|      | 45-1181       | Coupling Kit SAE 6.5 (3mm) (For SAE6 Adaptor)                          | 1   |
|      | 45-1183       | Coupling Kit SAE 6.5 (Dished Disc) AN13.3                              | 1   |
|      | 45-1185       | Coupling Kit SAE 6.5 (Dished Disc) AN30.2                              | 1   |
|      | 45-1171       | Coupling Kit SAE 7.5                                                   | 1   |
|      | 45-1209       | Coupling Kit SAE 7.5 (3mm) (Special for D Core)                        | 1   |
|      | 45-1204       | Coupling Kit SAE 7.5 (Kubota) (1.2mm)                                  | 1   |
|      | 45-1184       | Coupling Kit SAE 7.5 (Dished Disc) AN13.3                              | 1   |
|      | 45-1186       | Coupling Kit SAE 7.5 (Dished Disc) AN30.2                              | 1   |
|      | 45-1188       | Coupling Kit (GM Adapter Up to G)                                      | 1   |
|      | 45-1172       | Coupling Kit SAE 8 (3mm)                                               | 1   |
|      | 45-1173       | Coupling Kit SAE 10 (3mm)                                              | 1   |
|      | 45-1174       | Coupling Kit SAE 11.5 (3mm)                                            | 1   |
|      | 45-1180       | Coupling Kit Lister/Alpha (Use with 45-1195 Only)                      | 1   |



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P1 – 2 Bearing



## P1 – 2 Bearing

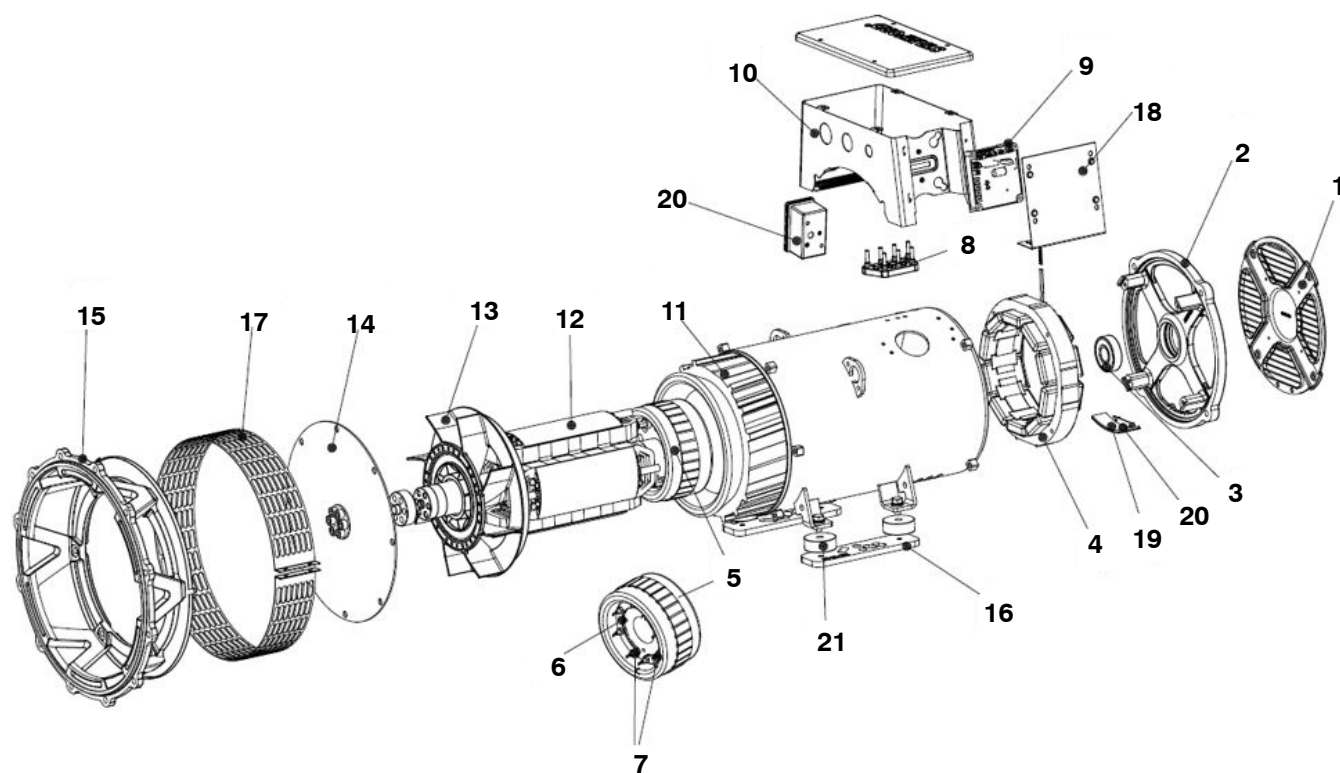
| Item | Part No.   | Description                                      | Qty |
|------|------------|--------------------------------------------------|-----|
| 1    | 45-1210    | EBS Unit (4 Pole)                                | 1   |
|      | E000-14831 | EBS Module Only for 45-1210 & 45-1212            | 1   |
|      | 45-1212    | EBS Unit (2 Pole)                                | 1   |
|      | 45-1211    | EBS Unit (Cummins PCC 1302 – 4 Pole)             | 1   |
|      | E000-14851 | EBS Module Only for 45-1211 & 45-1213            | 1   |
|      | 45-1213    | EBS Unit (Cummins PCC 1302 – 2 Pole)             | 1   |
| 2    | 191-10061  | NDE Cover for use with EBS                       | 1   |
|      | 191-10045  | NDE Cover for use without EBS (Not Shown)        | 1   |
| 3    | 190-10018  | NDE Endbracket Bottom Cover (D)                  | 1   |
|      | 190-10035  | NDE Endbracket Bottom Cover (F-K)                | 1   |
| 4    | 190-10025  | NDE Endbracket (D)                               | 1   |
|      | 191-10055  | NDE Endbracket (E-K)                             | 1   |
| 5    | 45-0866    | Bearing Kit                                      | 1   |
| 6    | 191-1067   | Exciter Stator 30mm (E)                          | 1   |
|      | 190-1039   | Exciter Stator 25mm (D)                          | 1   |
|      | 191-1068   | Exciter Stator 34mm (F-G)                        | 1   |
|      | 191-1069   | Exciter Stator 38mm (H-K)                        | 1   |
|      | A052F650   | Exciter Stator 25mm (D) Severe Environmental     | 1   |
|      | A052F652   | Exciter Stator 30mm (E) Severe Environmental     | 1   |
|      | A052F660   | Exciter Stator 34mm (F – G) Severe Environmental | 1   |
|      | A052F805   | Exciter Stator 38mm (H – K) Severe Environmental | 1   |
| 7    | QMSN       | Stator Frame Assembly                            | 1   |
| 8    | 191-10091  | Air Flow Baffle                                  | 1   |
| 9    | QMSN       | Rotor Shaft Assembly                             | 1   |
| 10   | 190-1041   | Exciter Rotor 25mm D core                        | 1   |
|      | 191-1072   | Exciter Rotor 30mm E core                        | 1   |
|      | 191-1063   | Exciter Rotor 34mm F & G core                    | 1   |
|      | 191-1064   | Exciter Rotor 38mm H-K core                      | 1   |
| 11   | 45-0427    | Rotating Rectifier Assembly                      | 1   |
| 12   | RSK-1101   | Diode Fwd/Rev & Varistor Kit                     | 1   |
| 13   | 191-10057  | Terminal, Board                                  | 1   |
| 14   | 45-1165    | Standard Terminal Box Kit (D)                    | 1   |
|      | 45-1168    | Standard Terminal Box Kit (E-K)                  | 1   |
|      | 45-1169    | Standard Terminal Box CPG set (E-K)              | 1   |
| 15   | 45-1206    | Tall Terminal Box Kit                            | 1   |
| 16   | 45-1166    | Large Terminal Box Kit (D) C/W plinth            | 1   |
|      | 45-1167    | Large Terminal Box Kit (E-K) C/W plinth          | 1   |
| 17   | 45-1175    | Terminal Box Plinth (D)                          | 1   |
|      | 45-1176    | Terminal Box Plinth (E-K)                        | 1   |

## P1 – 2 Bearing (Continued)

| Item | Part No.      | Description                                                            | Qty |
|------|---------------|------------------------------------------------------------------------|-----|
| 18   | 190-10027     | AVR Cover (D)                                                          | 2   |
|      | 191-10056     | AVR Cover (E-K)                                                        | 2   |
| 19   | E000-14808/1P | AVR AS480 UL Approved Only Supplied                                    | 1   |
| 20   | 45-1161       | Heater Kit 230V                                                        | 1   |
|      | A040G608      | Heater Kit 230V to Include Terminal Box for Retrofit                   | 1   |
|      | 45-1162       | Heater Kit 115V                                                        | 1   |
|      | A040G612      | Heater Kit 115V to Include Terminal Box for Retrofit                   | 1   |
|      | A040G614      | Heater Kit 24V to Include Terminal Box for Retrofit                    | 1   |
|      | 45-1163       | Heater Kit 24V                                                         | 1   |
|      | 45-1164       | Heater Kit 12V                                                         | 1   |
|      | A040G618      | Heater Kit 12V to Include Terminal Box for Retrofit                    | 1   |
| 21   | 45-1205       | Heater Terminal Box for Retrofit Not Included in Heater Kits (Item 20) | 1   |
| 22   | 191-10042     | Fan 290 mm (D-G)                                                       | 1   |
|      | 191-10059     | Fan 290 mm (H-K)                                                       | 1   |
| 23   | 191-10119     | DE Bracket                                                             | 1   |
| 24   | 191-10029     | DE Bracket screen                                                      | 1   |
| 25   | 45-0363       | DE Bearing kit                                                         | 1   |
| 26   | 191-10029     | DE Endplate (D-G)                                                      | 1   |
| 27   | 45-1200       | Adapter Kit SAE 2                                                      | 1   |
|      | 45-1201       | Adapter Kit SAE 3                                                      | 1   |
|      | 45-1202       | Adapter Kit SAE 4                                                      | 1   |
|      | 45-1203       | Adapter Kit SAE 5                                                      | 1   |
| 28   | See Item 27   | Adapter Screen Included in Kit                                         | 1   |

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## S0L1 – 1 Bearing



## S0L1 – 1 Bearing

| Item | Part No. | Description                             | Qty |
|------|----------|-----------------------------------------|-----|
| 1    | A052E628 | Cover, End                              | 1   |
| 2    | A051P115 | Brkt, End, F0, NDE                      | 1   |
| 3    | A054H811 | Kit, Brg, F1, NDE, S0L2, 1B             | 1   |
| 4*   | A052J112 | Str, Exc, 30.0                          | 1   |
| 4#   | A052J113 | Str, Exc, 35.0                          | 1   |
| 5*   | A052J677 | Rtr, Exc, 30.0                          | 1   |
| 5#   | A052J678 | Rtr, Exc, 35.0                          | 1   |
| 6    | A051C308 | Rectfr, Rot, F0                         | 1   |
| 7    | A054H820 | Kit, Diode Repair, F1                   | 1   |
| 8*   | A054H831 | Kit, Term, F1, Term Brd Conver          | 1   |
| 9    | A059F437 | Kit, Regn Ctrl Mdl, AS540               | 1   |
| 10   | A052X170 | Term Encl, F0, IP23                     |     |
| 11   | QMSN     | Wound Main Stator with Frame Assembly   | 1   |
| 12   | QMSN     | Wound Main Rotor with Complete Assembly | 1   |
| 13   | A052F581 | Fan, F0, 1, CTRF250                     | 1   |
| 14   | A053E721 | Coupling Kit, F0, SAE6.5, 1B            | 1   |
|      | A052W678 | Coupling Kit, F0, SAE7.5, 1B            | 1   |
|      | A052W626 | Coupling Kit, F0, SAE10, 1B             | 1   |
|      | A052W676 | Coupling Kit, F0, SAE11.5, 1B           | 1   |
| 15   | A053E622 | Adapter Kit, F0, SAE3, 1B               | 1   |
|      | A052V920 | Adapter Kit, F0, SAE4, 1B               | 1   |
|      | A053E624 | Adapter Kit, F0, SAE5, 1B               | 1   |
| 16*  | A052X624 | Foot Kit, F0, Bolt-On, 132.0C/H         | 1   |
| 17*  | A054L239 | Kit, Adpt Sprs, F0 SAE3 1B, IP23        | 1   |
| 17#  | A054L242 | Kit, Adpt Sprs, F0 SAE4 1B, IP23        | 1   |
| 17** | A054L246 | Kit, Adpt Sprs, F0 SAE5 1B, IP23        | 1   |
| 18   | A052F476 | Panel, Term Encl, F0, SD, IP23          | 1   |
| 19   | A053L646 | Htr, Cart, 25.0W, 12VAC, 0VDC           | 1   |
|      | A053L668 | Htr, Cart, 25.0W, 24VAC, 0VDC           | 1   |
|      | A053P092 | Htr, Cart, 25.0W, 115VAC, 0VDC          | 1   |
|      | A053P101 | Htr, Cart, 25.0W, 230VAC, 0VDC          | 1   |
| 20   | A054K278 | Kit, Htr, F0, 12V                       | 1   |
|      | A054K280 | Kit, Htr, F0, 24V                       | 1   |
|      | A054K282 | Kit, Htr, F0, 115V                      | 1   |
|      | A054K284 | Kit, Htr, F0, 230V                      | 1   |
| 21*  | A051L180 | Spacer, BK, 0.0                         | 4   |
|      |          |                                         |     |
|      |          | Continued...                            |     |

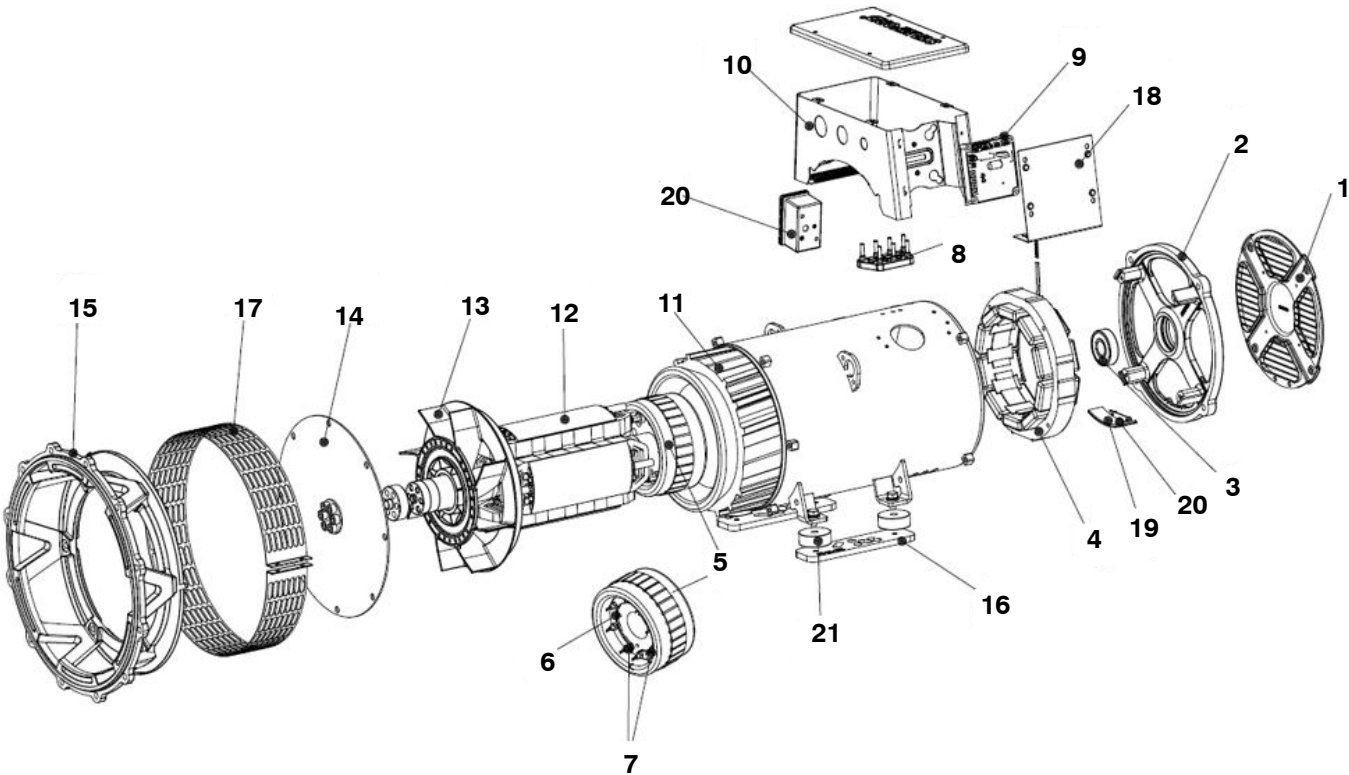
## S0L1 – 1 Bearing (Continued)

| Item | Part No. | Description                                     | Qty |
|------|----------|-------------------------------------------------|-----|
|      |          | <b>NOTES:</b>                                   |     |
|      |          | 4* Exciter Stator 30 MM (D,H,J)                 |     |
|      |          | 4# Exciter Stator 35 MM (L,P,S)                 |     |
|      |          | 5* Exciter Stator 30 MM (D,H,J)                 |     |
|      |          | 5# Exciter Rotor 35 MM (L,P,S)                  |     |
|      |          | 8* Terminal Board Kit (1 and 3 Phase)           |     |
|      |          | 16* Generator Base Plate (Foot Plates Only) Kit |     |
|      |          | 17* DE Screen SAE 3                             |     |
|      |          | 17# DE Screen SAE 4                             |     |
|      |          | 17** DE Screen SAE 5                            |     |
|      |          | 21* 28 mm Height Spacer Block                   |     |



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S0L2 – 1 Bearing



## S0L2 – 1 Bearing

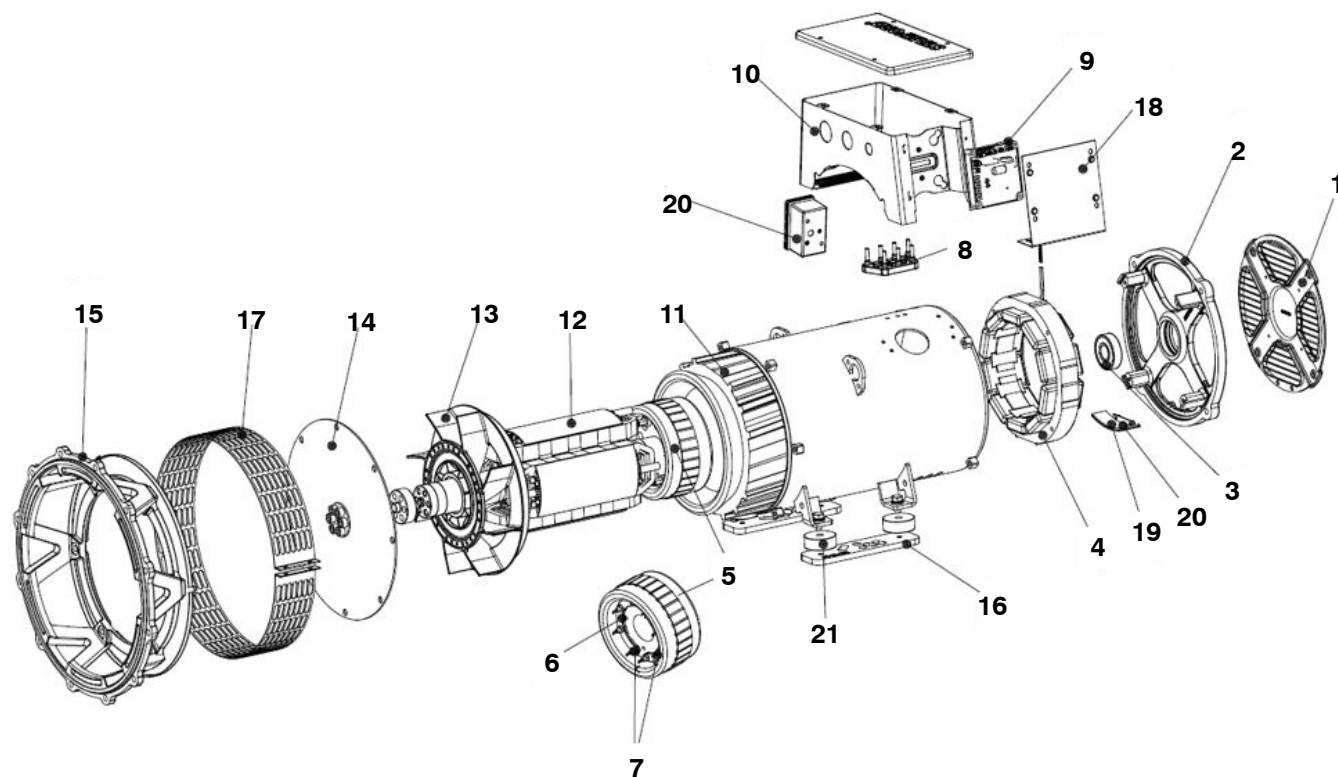
| Item | Part No.  | Description                             | Qty |
|------|-----------|-----------------------------------------|-----|
| 1    | A052E626  | Cover, End                              | 1   |
| 2    | A051P111  | Brkt, End, F1, NDE                      | 1   |
| 3    | A054H811  | Kit, Brg, F1, NDE, S0L2, 1B             | 1   |
| 4*   | A051G465  | Str, Exc, 25.0, Epoxy Tapd              | 1   |
| 4#   | A051G467  | Str, Exc, 30.0, Epoxy Tapd              | 1   |
| 4**  | A051L225  | Str, Exc, 34.0, Epoxy Tapd              | 1   |
| 5*   | 190-1041  | P0 Wnd Ex Rtr 25MM                      | 1   |
| 5#   | 191-1072  | P1 Wnd Ex Rtr 30MM                      | 1   |
| 5**  | 191-1063  | P1 Wnd Ex Rtr 34MM                      | 1   |
| 6    | A054H816  | Kit, Rot Rectfr, F1                     | 1   |
| 7    | A054H820  | Kit, Diode Repair, F1                   | 1   |
| 8*   | A054H831  | Kit, Term, F1, Term Brd Conver          | 1   |
| 9    | A059F437  | Kit, Regn Ctrl Mdl, AS540               | 1   |
| 10   | A052X183  | Term Encl, F1, IP23                     |     |
| 11   | QMSN      | Wound Main Stator with Frame Assembly   | 1   |
| 12   | QMSN      | Wound Main Rotor with Complete Assembly | 1   |
| 13   | A052F473  | Fan, F1, 1, CTRF295                     | 1   |
| 14   | A053F397  | Coupling Kit, F1, SAE6.5, 1B            | 1   |
|      | A053F395  | Coupling Kit, F1, SAE7.5, 1B            | 1   |
|      | A052W684  | Coupling Kit, F1, SAE10, 1B             | 1   |
|      | A052W607* | Coupling Kit, F1, SAE11.5, 1B           | 1   |
|      | A054G545# | Coupling Kit, F1, SAE11.5, 1B           | 1   |
| 15   | A052V905  | Adapter Kit, F1, SAE3, 1B               | 1   |
|      | A053F381  | Adapter Kit, F1, SAE4, 1B               | 1   |
|      | A053F383  | Adapter Kit, F1, SAE5, 1B               | 1   |
| 16*  | A052X629  | Foot Kit, F1, Bolt-On, 160.0C/H         | 1   |
| 17*  | A054H863  | Kit, Adpt Sprs, F1 SAE3 1B, IP23        | 1   |
| 17#  | A054H889  | Kit, Adpt Sprs, F1 SAE4 1B, IP23        | 1   |
| 17** | A054H900  | Kit, Adpt Sprs, F1 SAE5 0B, IP23        | 1   |
| 18   | A052H908  | Panel, Term Encl, F1, SD, IP23          | 1   |
| 19   | A053L670  | Htr, Cart, 45.0W, 12VAC, 0VDC           | 1   |
|      | A053L675  | Htr, Cart, 45.0W, 24VAC, 0VDC           | 1   |
|      | A053L677  | Htr, Cart, 45.0W, 115VAC, 0VDC          | 1   |
|      | A053L678  | Htr, Cart, 45.0W, 230VAC, 0VDC          | 1   |
| 20   | A054K286  | Kit, Htr, F1, 12V                       | 1   |
|      | A054K288  | Kit, Htr, F1, 24V                       | 1   |
|      | A054K290  | Kit, Htr, F1, 115V                      | 1   |
|      | A054K292  | Kit, Htr, F1, 230V                      | 1   |
| 21*  | A051L176  | Spacer, BK, Steel S275-Black, 0.        | 4   |
|      |           |                                         |     |
|      |           | <b>Continued...</b>                     |     |

## S0L2 – 1 Bearing (Continued)

| Item | Part No. | Description                                     | Qty |
|------|----------|-------------------------------------------------|-----|
|      |          | <b>NOTES:</b>                                   |     |
|      |          | 4* Exciter Stator 25 MM (F,G,K)                 |     |
|      |          | 4# Exciter Stator 30 MM (M)                     |     |
|      |          | 4** Exciter Stator 34 MM (P,U)                  |     |
|      |          | 5* Exciter Rotor 25 MM (F,G,K)                  |     |
|      |          | 5# Exciter Rotor 30 MM (M)                      |     |
|      |          | 5** Exciter Rotor 34 MM (P,U)                   |     |
|      |          | 8* Terminal Board Kit (1 and 3 Phase)           |     |
|      |          | 14* Coupling Kit SAE 11.5 (3 MM x 1 CD)         |     |
|      |          | 14# Coupling Kit SAE 11.5 (1.2 MM x 4 CD)       |     |
|      |          | 16* Generator Base Plate (Foot Plates Only) Kit |     |
|      |          | 17* DE Screen SAE 3                             |     |
|      |          | 17# DE Screen SAE 4                             |     |
|      |          | 17** DE Screen SAE 5                            |     |
|      |          | 21* 20 mm Height Spacer Block                   |     |

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## S1L2 – 1 Bearing



## S1L2 – 1 Bearing

| Item | Part No.   | Description                             | Qty |
|------|------------|-----------------------------------------|-----|
| 1    | A052E494   | Cover, End                              | 1   |
| 2    | A051P107   | Brkt, End, F1, NDE                      | 1   |
| 3    | 45-0866    | P0 Bearing Kit P0                       | 1   |
| 4*   | A051L226   | Str, Exc, 38.0                          | 1   |
| 4#   | A051L227   | Str, Exc, 45.0                          | 1   |
| 4**  | A053F533   | Str, Exc, 55.0                          | 1   |
| 5*   | 191-1064   | P1 Wnd Ex Rtr 38 MM                     |     |
| 5#   | A051L228   | Rtr, Exc, 45.0                          | 1   |
| 5**  | A053F505   | Rtr, Exc, 55.0                          | 1   |
| 6    | 45-0427    | BC ROT'G Rectifier Spares Kit           | 1   |
| 7    | RSK-1101   | BC1 Rectifier Service Kit               | 1   |
| 8*   | A054X535   | Kit, Term, F1, Term Brd Conver          | 1   |
| 9    | A059F437   | Kit, Regn Ctrl Mdl, AS540               | 1   |
| 10   | A052X197   | Term Encl, F1, IP23                     |     |
| 11   | QMSN       | Wound Main Stator with Frame Assembly   | 1   |
| 12   | QMSN       | Wound Main Rotor with Complete Assembly | 1   |
| 13   | A057R342   | Fan, F0, 1, CTRF350                     | 1   |
| 14   | A052W687*  | Coupling Kit, F1, SAE10, 1B             | 1   |
|      | A053G584** | Coupling Kit, F1, SAE10, 1B             | 1   |
|      | A052W630#  | Coupling Kit, F1, SAE11.5, 1B           | 1   |
|      | A053G582## | Coupling Kit, F1, SAE11.5, 1B           | 1   |
|      | A059B967   | Coupling Kit, F1, SAE7.5, 1B (1.2X4)    | 1   |
| 15   | A052T358   | Adapter Kit, F1, SAE3, 1B               | 1   |
|      | A053F333   | Adapter Kit, F1, SAE4, 1B               | 1   |
| 16*  | A052X631   | Foot Kit, F1, Bolt-On, 180.0C/H         | 1   |
| 17*  | A054X974   | Kit, Adpt Sprs, F1 SAE3 1B, IP23        | 1   |
| 18   | A052J157   | Panel, Term Encl, F1, SD, IP23          | 1   |
| 19   | A056F851   | Htr, Cart, 80.0W, 12VAC, 0VDC           | 1   |
|      | A056F858   | Htr, Cart, 80.0W, 24VAC, 0VDC           | 1   |
|      | A056F859   | Htr, Cart, 80.0W, 115VAC, 0VDC          | 1   |
|      | A056F860   | Htr, Cart, 80.0W, 230VAC, 0VDC          | 1   |
| 20   | A054K294   | Kit, Htr, F1, 12V                       | 1   |
|      | A054K297   | Kit, Htr, F1, 24V                       | 1   |
|      | A054K299   | Kit, Htr, F1, 115V                      | 1   |
|      | A054K301   | Kit, Htr, F1, 230V                      | 1   |
| 21*  | A051L177   | Spacer, BK, 0.0                         | 4   |
| 21** | A051L176   | Spacer, BK, Steel S275-Black, 0.        | 4   |
|      |            |                                         |     |
|      |            | Continued...                            |     |

## S1L2 – 1 Bearing (Continued)

| Item | Part No. | Description                                     | Qty |
|------|----------|-------------------------------------------------|-----|
|      |          | <b>NOTES:</b>                                   |     |
|      |          | 4* Exciter Stator 38 MM (J,K,G,H)               |     |
|      |          | 4# Exciter Stator 45 MM (N,R)                   |     |
|      |          | 4** Exciter Stator 55 MM (Y)                    |     |
|      |          | 5* Exciter Rotor 38 MM (J,K,G,L)                |     |
|      |          | 5# Exciter Rotor 45 MM (N,R)                    |     |
|      |          | 5** Exciter Rotor 55 MM (Y)                     |     |
|      |          | 8* Terminal Board Kit (1 and 3 Phase)           |     |
|      |          | 14* Coupling Kit SAE 10 (1.2 MM x 4 CD)         |     |
|      |          | 14** Coupling Kit SAE 10 (1.5 MM x 3 CD)        |     |
|      |          | 14# Coupling Kit SAE 11.5 (1.2 MM x 4 CD)       |     |
|      |          | 14## Coupling Kit SAE 11.5 (1.5 MM x 3 CD)      |     |
|      |          | 16* Generator Base Plate (Foot Plates Only) Kit |     |
|      |          | 17* DE Screen SAE 3, SAE 4                      |     |
|      |          | 21* 45 mm Height Spacer Block                   |     |
|      |          | 21** 20 mm Height Spacer Block                  |     |



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This exploded view diagram illustrates the assembly of a mechanical unit, likely a fan or blower. The components are numbered as follows:

- 1**: Main housing or frame.
- 2**: Circular end cap or gasket.
- 3**: Small circular component, possibly a seal or washer.
- 4**: Ring-shaped component, likely a filter or diffuser.
- 5**: Mounting bracket or base plate.
- 5a**: A specific feature or hole on the mounting bracket.
- 6**: Motor or actuator assembly.
- 7**: Internal structural component or support.
- 8**: Small circular component, possibly a seal or washer.
- 10**: Large circular component, likely a fan or impeller.
- 11**: Motor or actuator assembly (alternative view or part).
- 12**: Mounting bracket or base plate.
- 13**: Motor or actuator assembly.
- 14**: Motor or actuator assembly.
- 15**: Motor or actuator assembly.
- 16**: Motor or actuator assembly.
- 17**: Small component, possibly a screw or pin.
- 18**: Mounting bracket or base plate.
- 19**: Mounting bracket or base plate.
- 20a**: Mounting bracket or base plate.
- 20b**: Mounting bracket or base plate.
- 21**: Mounting bracket or base plate.
- 22**: Mounting bracket or base plate.
- 23**: Mounting bracket or base plate.
- 24**: Mounting bracket or base plate.
- 25**: Small component, possibly a screw or pin.
- 26**: Small component, possibly a screw or pin.
- 27**: Small component, possibly a screw or pin.
- 28**: Circular component, likely a filter or diffuser.
- 30**: Circular component, likely a filter or diffuser.
- 32**: Mounting bracket or base plate.
- 33**: Mounting bracket or base plate.

## UCD22–27 1 Bearing (4 Pole)

| Item | Part No.  | Description                                        | Qty |
|------|-----------|----------------------------------------------------|-----|
| 1    | 45–0075A  | Complete PMG upfit kit                             | 1   |
| 2    | 450–14360 | PMG Cover (Cover included in above kit)            | 1   |
|      | 450–14450 | NON PMG Cover                                      | 1   |
| 3    | 45–1080   | Current PMG Rotor/Stator Repair Kit                | 1   |
| 4    | 45–1080   | Current PMG Rotor/Stator Repair Kit                | 1   |
| 5    | 330–10386 | Main stator bottom cover C–D                       | 1   |
|      | 330–10387 | Main stator bottom cover E–F                       | 1   |
|      | 330–10388 | Main stator bottom cover G                         | 1   |
|      | 330–10389 | Main stator bottom cover H                         | 1   |
| 5a   | 330–10020 | Air inlet cover                                    | 2   |
|      | 330–10099 | Air inlet cover (Airfilter)                        | 2   |
| 6    | 330–10381 | Main stator top cover C–D                          | 1   |
|      | 330–10382 | Main stator top cover E–F                          | 1   |
|      | 330–10383 | Main stator top cover G                            | 1   |
|      | 330–10384 | Main stator top cover H                            | 1   |
| 7    | 330–10002 | NDE Bracket                                        | 1   |
|      | 330–10258 | NDE Bracket (for use with brg rtd's)               |     |
| 8    | 45–0868   | NDE Bearing Kit                                    | 1   |
| 10   | 230–1495  | Exciter stator C & D (30mm)                        | 1   |
|      | 230–1497  | Exciter stator E F & G (40mm)                      | 1   |
|      | A052B581  | Exciter stator C & D (30mm) Severe Environmental   | 1   |
|      | A052B588  | Exciter stator E F & G (40mm) Severe Environmental | 1   |
| 11   | QMSN      | Main stator bar assy                               | 1   |
| 12   | 330–10137 | Foot                                               | 1   |
| 13   | QMSN      | Main rotor assy                                    | 2   |
| 14   | 210–1037  | Exciter rotor C – D 40mm                           | 1   |
|      | 310–1028  | Exciter rotor E – G 60mm                           | 1   |
| 15   | 45–0428   | Rotating rectifier assy                            | 1   |
| 16   | RSK–2001  | Diode Fwd/Rev & Varistor Kit                       | 1   |
| 17   | 450–15617 | Main terminal board 8 Pin                          | 1   |
|      | 230–10624 | Main terminal board 7 Pin                          | 1   |
| 18   | 330–10622 | Terminal box end panel NDE (Plain) & ENC500        | 1   |
|      | 330–10602 | Terminal box end panel NDE (Access) & ENC500       | 1   |
|      | 330–10634 | Terminal box end panel NDE (Plain) (Low profile)   | 1   |
| 19   | 330–10601 | Terminal box end panel DE (Plain) & ENC500         | 1   |
|      | 330–10630 | Terminal box end panel DE (Access)                 | 1   |
|      | 330–10634 | Terminal box end panel DE (Plain) (LOW PROFILE)    | 1   |

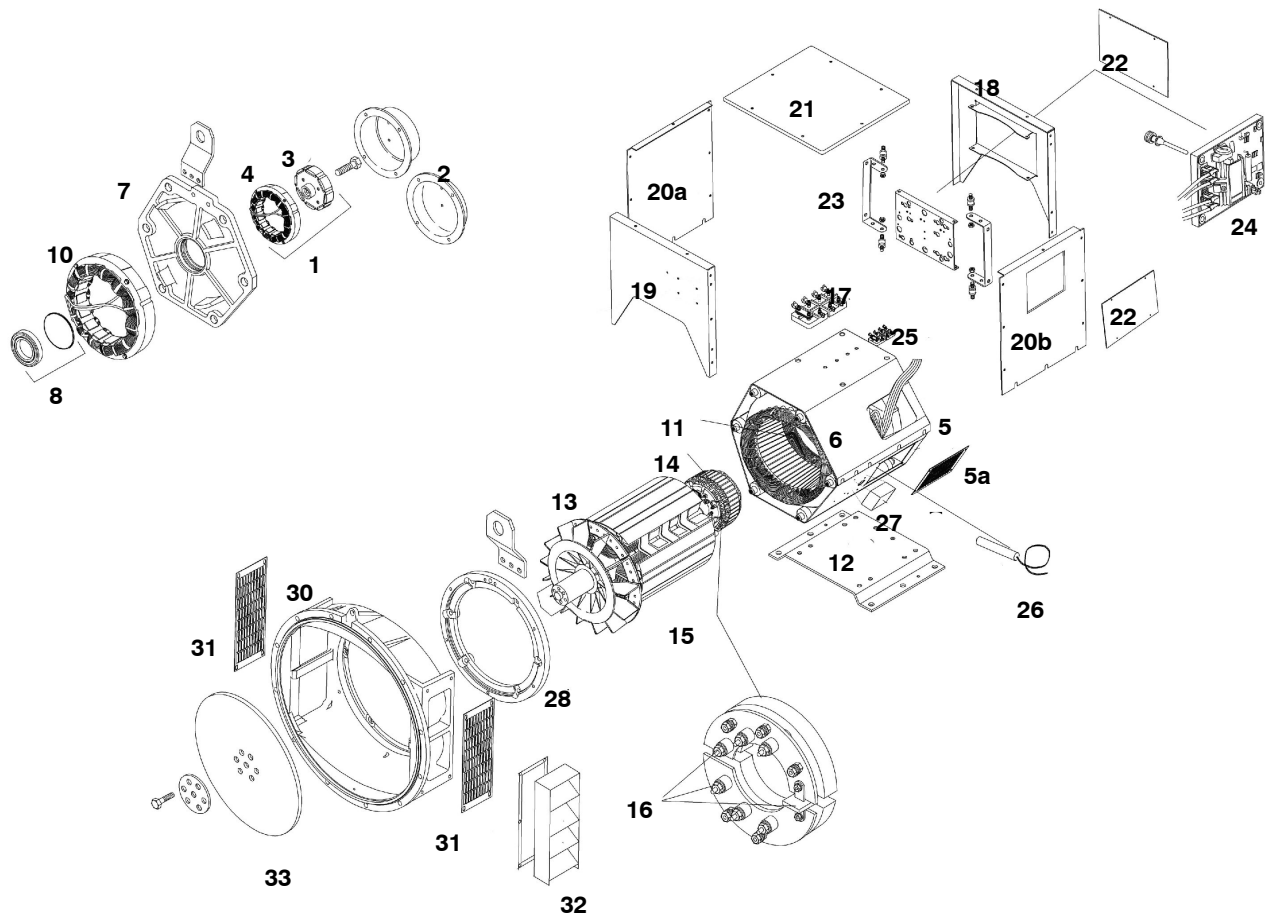
## UCD22–27 1 Bearing (4 Pole) (Continued)

| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 20a  | 330–10603     | Terminal box side panel (Left hand) (Plain) & ENC500                           | 1   |
|      | 330–10617     | Terminal box side panel (Left hand) (Access) & ENC500                          | 1   |
|      | 330–10605     | Terminal box side panel (Left hand) (Airfilter) & ENC500                       | 1   |
|      | 330–10600     | Terminal box side panel (Left hand) (Low profile)                              | 1   |
|      | 330–10613     | Terminal box side panel (Vent) (Plain) (Left hand) & ENC500 J–K Core only      | 1   |
|      | 330–10620     | Terminal box side panel (Vent) (Aperture) (Left hand) & ENC500 J–K Core only   | 1   |
|      | 330–10611     | Terminal box side panel (Vent) (Glandplate) (Left hand) & ENC500 J–K Core only | 1   |
| 20b  | 330–10609     | Terminal box side panel (Right hand) (Plain) & ENC500                          |     |
|      | 330–10615     | Terminal box side panel (Right hand) (Airfilter) & ENC500                      | 1   |
|      | 330–10606     | Terminal box side panel (Right hand) (Airfilter) (Aperture) & ENC500           | 1   |
|      | 330–10636     | Terminal box side panel (Right hand) (Aperture) (Low profile)                  | 1   |
|      | 330–10614     | Terminal box side panel (Vent) (Plain) (Right hand) & ENC500 J–K Core only     | 1   |
|      | 330–10612     | Terminal box side panel (Vent) (Aperture) (Right hand) & ENC500 J–K Core only  | 1   |
| 21   | 330–10069     | Terminal box lid                                                               | 1   |
| 22   | 450–14310     | AVR Cover plate to (28/11/04)                                                  | 1   |
|      | 410–10536     | AVR Cover plate from (28/11/04)                                                | 1   |
| 23   | 45–0742       | AVR Mounting bracket                                                           | 1   |
| 24   | E000–23412/1P | AVR MX341 (Standard Series 3                                                   | 1   |
|      | E000–23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000–23212/1P | AVR MX321 (Series 3)                                                           | 1   |
|      | E000–23215/1P | AVR MX321 UL                                                                   | 1   |
|      | E000–24403/1P | AVR AS440 (Standard Series 4)                                                  | 1   |
|      | E000–24408/1P | AVR AS440 UL Approved                                                          | 1   |
|      | E000–24602/1P | AVR SX460 (Standard Series 6)                                                  | 1   |
|      | E000–24608/1P | AVR SX460 UL Approved                                                          | 1   |
|      | E000–24210/1P | AVR SX421                                                                      | 1   |
| 25   | 450–15489     | 6 Way Terminal block                                                           | 2   |
| 26   | 45–0118       | Heater 110–125 Volt                                                            | 1   |
|      | A053N107      | Heater 110–125 Volt UL Cert                                                    | 1   |
|      | A040G630      | Heater Kit 110–125 V to incl term box for retro                                | 1   |
|      | A053X265      | Heater Kit 110–125 V to incl term box for retro UL Cert                        | 1   |
|      | 45–0117       | Heater 220–260 Volt                                                            | 1   |
|      | A053N108      | Heater 220–260 Volt UL Cert                                                    | 1   |
|      | A040G622      | Heater Kit 220–260 V to incl term box for retro                                | 1   |
|      | A053X267      | Heater Kit 220–260 V to incl term box for retro UL Cert                        | 1   |

## UCD22–27 1 Bearing (4 Pole) (Continued)

|    |           |                                                                                                                                                                                                                |   |
|----|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 27 | 45–0024   | Terminal box for heaters                                                                                                                                                                                       | 1 |
| 28 | 230–10001 | DE Adaptor ring                                                                                                                                                                                                | 1 |
| 30 | 45–0850   | UCD22 Adaptor Kit SAE 3                                                                                                                                                                                        | 1 |
|    | 45–0851   | UCD27 Adaptor Kit SAE 2                                                                                                                                                                                        | 1 |
|    | 45–0852   | UCD27 Adaptor Kit SAE 1                                                                                                                                                                                        | 1 |
| 32 | 45–0807   | UCD22 DE Louvre                                                                                                                                                                                                | 1 |
|    | 45–0855   | UCD27 DE Louvre                                                                                                                                                                                                | 1 |
| 33 | 45–0839   | UCD 22 Coupling Kit SAE 10                                                                                                                                                                                     | 1 |
|    | 45–0840   | UCD 22 Coupling Kit SAE 11.5                                                                                                                                                                                   | 1 |
|    | 45–0768   | UCD 27 Coupling Kit SAE 11.5                                                                                                                                                                                   | 1 |
|    | 45–0766   | UCD 27 Coupling Kit SAE 14                                                                                                                                                                                     | 1 |
|    |           |                                                                                                                                                                                                                |   |
|    |           | <b>NOTE: If the first position of the alternator serial number is M, the replacements for the rotor and stator are no longer available. Please contact the factory Technical Support for more information.</b> |   |

UCI224 – 1 Bearing



## UCI224 – 1 Bearing

| Item | Part No.  | Description                                      | Qty |
|------|-----------|--------------------------------------------------|-----|
| 1    | 45-0075A  | Complete PMG upfit kit                           | 1   |
| 2    | 450-14360 | PMG Cover (Cover included in above kit)          | 1   |
|      | 450-14450 | NON PMG Cover                                    | 1   |
| 3    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 4    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 5    | 230-10340 | Main stator bottom cover C-D                     | 1   |
|      | 230-10341 | Main stator bottom cover E-F                     | 1   |
|      | 230-10342 | Main stator bottom cover G                       | 1   |
| 5a   | 230-10054 | Air inlet cover                                  | 2   |
| 6    | 230-10336 | Main stator top cover C-D                        | 1   |
|      | 230-10337 | Main stator top cover E-F                        | 1   |
|      | 230-10338 | Main stator top cover G                          | 1   |
| 7    | 230-10002 | NDE Bracket                                      | 1   |
| 8    | 45-0867   | NDE Bearing kit                                  | 1   |
| 10   | 230-1495  | Exciter stator C & D 30mm                        | 1   |
|      | 230-1497  | Exciter stator E F & G 40mm                      | 1   |
|      | A052B581  | Exciter stator C & D 30mm Severe Environmental   | 1   |
|      | A052B588  | Exciter stator E F & G 40mm Severe Environmental | 1   |
| 11   | QMSN      | Main stator bar assy                             | 1   |
| 12   | 230-10270 | Foot                                             | 1   |
| 13   | QMSN      | Main rotor assy                                  | 2   |
| 14   | 210-1036  | Exciter rotor C – D 30mm                         | 1   |
|      | 210-1037  | Exciter rotor E – G 40mm                         | 1   |
| 15   | 45-0428   | Rotating rectifier assy                          | 1   |
| 16   | RSK-2001  | Diode fwd/rev & varistor kit                     | 1   |
| 17   | 450-15617 | Main Terminal Board 8 Pin                        | 1   |
|      | 230-10624 | Main Terminal Board 7 Pin                        | 1   |
| 18   | 230-10566 | Terminal box end panel NDE (access)              | 1   |
|      | 230-10587 | Terminal box end panel NDE (plain)               | 1   |
|      | 230-10571 | Terminal box end panel NDE (plain) low/profile   | 1   |
| 19   | 230-10565 | Terminal box end panel DE (plain)                | 1   |
|      | 230-10599 | Terminal box end panel DE (access)               | 1   |
|      | A041H349  | Terminal box end panel DE (plain) low/profile    | 1   |
| 20a  | 230-10567 | Terminal box side panel (left hand)              | 1   |
|      | 230-10573 | Terminal box side panel (access)                 | 1   |
|      | 230-10574 | Terminal box side panel lh (plain) low profile   | 1   |
| 20b  | 230-10575 | Terminal box side panel (right hand)             | 2   |
|      | 230-10568 | Terminal box side panel (access)                 | 1   |
|      | 230-10583 | Terminal box side panel rh (plain) low profile   | 1   |
|      | 230-10580 | Terminal box side panel (rh series 5 trans)      | 1   |
|      | 230-10627 | Terminal box side panel (access no pfc)          | 1   |

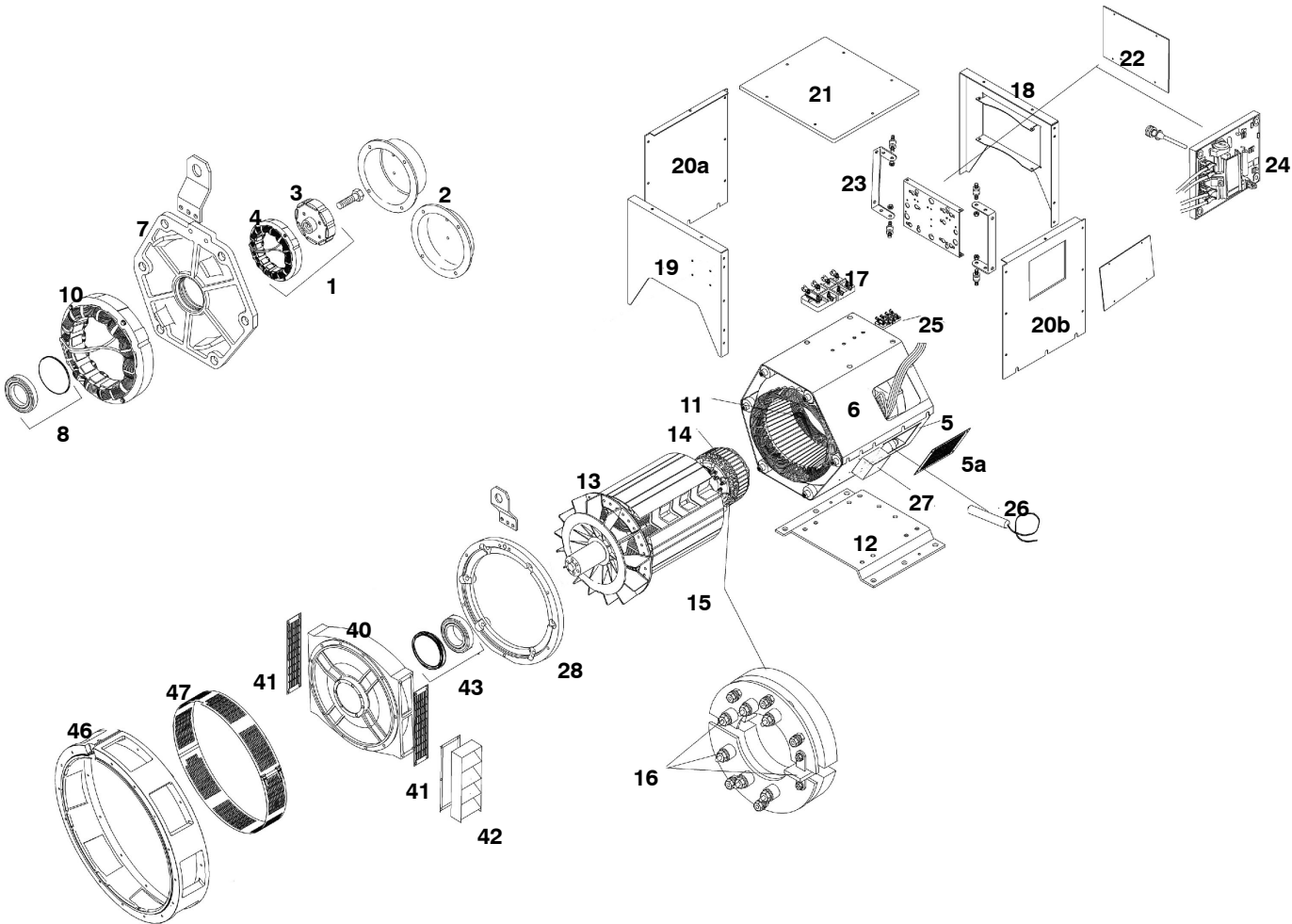
## UCI224 – 1 Bearing (Continued)

| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 21   | 230-10069     | Terminal box lid                                        | 1   |
| 22   | 450-14310     | AVR Cover plate to (28/11/04)                           |     |
|      | 410-10536     | AVR Cover plate from (28/11/04)                         |     |
| 23   | 45-0742       | AVR Mounting bracket                                    | 1   |
| 24   | E000-23412/1P | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-23212/1P | AVR MX321 (Series 3)                                    | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                   | 1   |
|      | E000-24602/1P | AVR SX460 (Standard Series 6)                           | 1   |
|      | E000-24608/1P | AVR SX460 UL Approved                                   | 1   |
|      | E000-24210/1P | AVR SX421                                               | 1   |
|      | A062Y338      | AVR MX322                                               | 1   |
| 25   | 450-15489     | 6 Way Terminal block                                    | 2   |
| 26   | 45-0118       | Heater 110-125 volt                                     | 1   |
|      | A053N107      | Heater 110-125 volt UL Cert                             | 1   |
|      | A040G630      | Heater Kit 110-125 v to incl term box for retro         | 1   |
|      | A053X265      | Heater Kit 110-125 v to incl term box for retro UL Cert | 1   |
|      | 45-0117       | Heater 220-260 volt                                     | 1   |
|      | A053N108      | Heater 220-260 volt UL Cert                             | 1   |
|      | A040G622      | Heater Kit 220-260 v to incl term box for retro         | 1   |
|      | A053X267      | Heater Kit 220-260 v to incl term box for retro UL Cert | 1   |
| 27   | 45-0024       | Terminal box for heaters                                | 1   |
| 28   | 230-10001     | DE Adaptor ring                                         | 1   |
| 30   | 45-0689       | DE Adaptor Kit SAE 1                                    | 1   |
|      | 45-0526       | DE Adaptor Kit SAE 2                                    | 1   |
|      | 45-0527       | DE Adaptor Kitt SAE 3                                   | 1   |
|      | 45-0528       | DE Adaptor Kit SAE 4                                    | 1   |
| 31   | See No. 30    | DE Screen (Included in Adaptor Kits)                    | 2   |
| 32   | 45-0630       | DE Louvre SAE 1 SAE 3 & SAE 4                           | 1   |
|      | 45-0631       | DE Louvre SAE-2                                         | 1   |
| 33   | 45-0757       | Coupling Kit SAE 8                                      | 1   |
|      | 45-0758       | Coupling Kit SAE 10                                     | 1   |
|      | 45-0759       | Coupling Kit SAE 11.5                                   | 1   |
|      | 45-0760       | Coupling Kit SAE 14                                     | 1   |
|      | 45-0761       | Coupling Kit DELCO 15.5                                 | 1   |
|      | 45-0762       | Coupling Kit SAE 11.5 (For SAE 1 NEW)                   | 1   |



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UCI224C to G – 2 Bearing (4 Pole)



## UCI224C to G – 2 Bearing (4 Pole)

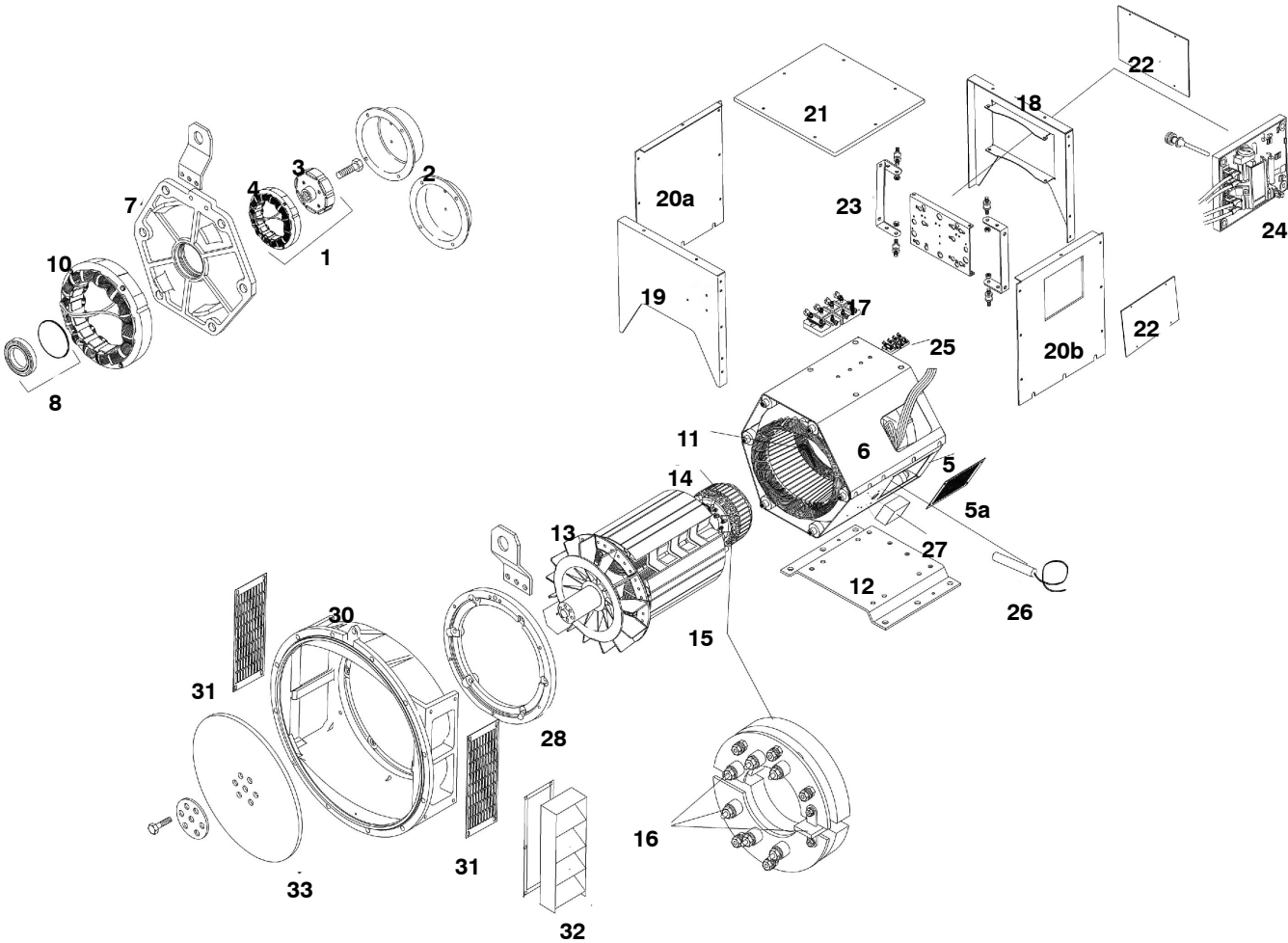
| Item | Part No.  | Description                                      | Qty |
|------|-----------|--------------------------------------------------|-----|
| 1    | 45-0075A  | Complete PMG upfit kit                           | 1   |
| 2    | 450-14360 | PMG Cover (Cover included in above kit)          | 1   |
|      | 450-14450 | NON PMG Cover                                    | 1   |
| 3    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 4    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 5    | 230-10340 | Main stator bottom cover C-D                     | 1   |
|      | 230-10341 | Main stator bottom cover E-F                     | 1   |
|      | 230-10342 | Main stator bottom cover G                       | 1   |
| 5a   | 230-10054 | Air inlet cover                                  | 2   |
| 6    | 230-10336 | Main stator top cover C-D                        | 1   |
|      | 230-10337 | Main stator top cover E-F                        | 1   |
|      | 230-10338 | Main stator top cover G                          | 1   |
| 7    | 230-10002 | NDE Bracket                                      | 1   |
| 8    | 45-0867   | NDE Bearing kit                                  | 1   |
| 10   | A052B581  | Exciter stator C & D 30mm Severe Environmental   | 1   |
|      | A052B588  | Exciter stator E F & G 40mm Severe Environmental | 1   |
| 11   | QMSN      | Main stator bar assy                             | 1   |
| 12   | 230-10270 | Foot                                             | 1   |
| 13   | QMSN      | Main rotor assy                                  | 2   |
| 14   | 210-1036  | Exciter rotor C – D 30mm                         | 1   |
|      | 210-1037  | Exciter rotor E – G 40mm                         | 1   |
| 15   | 45-0428   | Rotating rectifier assy                          | 1   |
| 16   | RSK-2001  | Diode fwd/rev & varistor kit                     | 1   |
| 17   | 450-15617 | Main Terminal board 8 Pin                        | 1   |
|      | 230-10624 | Main Terminal board 7 Pin                        | 1   |
| 18   | 230-10566 | Terminal box end panel NDE (access)              | 1   |
|      | 230-10587 | Terminal box end panel NDE (plain)               | 1   |
|      | 230-10571 | Terminal box end panel NDE (plain) low/profile   | 1   |
| 19   | 230-10565 | Terminal box end panel DE (plain)                | 1   |
|      | 230-10599 | Terminal box end panel DE (access))              | 1   |
|      | A041H349  | Terminal box end panel DE (plain) low/profile    | 1   |
| 20a  | 230-10567 | Terminal box side panel (left hand)              | 1   |
|      | 230-10573 | Terminal box side panel (access)                 | 1   |
|      | 230-10574 | Terminal box side panel lh (plain) low profile   | 1   |
| 20b  | 230-10575 | Terminal box side panel (right hand)             | 2   |
|      | 230-10568 | Terminal box side panel (access)                 | 1   |
|      | 230-10583 | Terminal box side panel rh (plain) low profile   | 1   |
|      | 230-10580 | Terminal box side panel (rh series 5 trans)      | 1   |
|      | 230-10627 | Terminal box side panel (access no pfc)          | 1   |
| 21   | 230-10069 | Terminal box lid                                 | 1   |
| 22   | 450-14310 | AVR Cover plate to (28/11/04)                    | 1   |
|      | 410-10536 | AVR Cover plate from (28/11/04)                  | 1   |

## UCI224C to G – 2 Bearing (4 Pole) (Continued)

| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 23   | 45-0742       | AVR Mounting bracket                                    | 1   |
| 24   | E000-23412/1P | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-23212/1P | AVR MX321 (Series 3)                                    | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                   | 1   |
|      | E000-24602/1P | AVR SX460 (Standard Series 6)                           | 1   |
|      | E000-24608/1P | AVR SX460 UL Approved                                   | 1   |
|      | E000-24210/1P | AVR SX421                                               | 1   |
|      | A062Y338      | AVR MX322                                               | 1   |
| 25   | 450-15489     | 6 Way Terminal block                                    | 2   |
| 26   | 45-0118       | Heater 110-125 volt                                     | 1   |
|      | A053N107      | Heater 110-125 volt UL Cert                             | 1   |
|      | A040G630      | Heater Kit 110-125 v to incl term box for retro         | 1   |
|      | A053X265      | Heater Kit 110-125 v to incl term box for retro UL Cert | 1   |
|      | 45-0117       | Heater 220-260 volt                                     | 1   |
|      | A053N108      | Heater 220-260 volt UL Cert                             | 1   |
|      | A040G622      | Heater Kit 220-260 v to incl term box for retro         | 1   |
|      | A053X267      | Heater Kit 220-260 v to incl term box for retro UL Cert | 1   |
| 27   | 45-0024       | Terminal box for heaters                                | 1   |
| 28   | 230-10001     | DE Adaptor ring                                         | 1   |
| 40   | 230-10073     | DE Bracket                                              | 1   |
| 41   | 210-10121     | DE Screen                                               | 1   |
| 42   | 45-0632       | Louvre                                                  | 1   |
| 43   | 45-0365       | DE Bearing Kit                                          | 1   |
| 46   | 45-0529       | Adaptor Kit SAE 1                                       | 2   |
|      | 45-0530       | Adaptor Kit SAE 2                                       | 1   |
|      | 45-0604       | Adaptor Kit SAE 2 (DIN)                                 | 1   |
|      | 45-0531       | Adaptor Kit SAE 3                                       | 1   |
|      | 45-0532       | Adaptor Kit SAE 4                                       | 1   |
|      | 45-0533       | Adaptor Kit SAE 5                                       | 1   |
| 47   | See No.46     | Adaptor cover (included in Adaptor kits)                | 1   |

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UCI274C to H 1 Bearing



## UCI274C to H 1 Bearing

| Item | Part No.  | Description                                      | Qty |
|------|-----------|--------------------------------------------------|-----|
| 1    | 45-0075A  | Complete PMG upfit kit                           | 1   |
| 2    | 450-14360 | PMG Cover (Cover included in above kit)          | 1   |
|      | 450-14450 | NON PMG Cover                                    | 1   |
| 3    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 4    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 5    | 330-10386 | Main stator bottom cover C-D                     | 1   |
|      | 330-10387 | Main stator bottom cover E-F                     | 1   |
|      | 330-10388 | Main stator bottom cover G                       | 1   |
|      | 330-10389 | Main stator bottom cover H                       | 1   |
| 5a   | 330-10020 | Air inlet cover                                  | 2   |
|      | 330-10099 | Air inlet cover (Airfilter)                      | 2   |
| 6    | 330-10381 | Main stator top cover C-D                        | 1   |
|      | 330-10382 | Main stator top cover E-F                        | 1   |
|      | 330-10383 | Main stator top cover G                          | 1   |
| 6    | 330-10384 | Main stator bottom cover H                       | 1   |
| 7    | 330-10002 | NDE Bracket                                      | 1   |
|      | 330-10258 | NDE Bracket ( for use with Brg RTD's)            |     |
| 8    | 45-0868   | NDE Bearing kit                                  | 1   |
| 10   | 230-1497  | Exciter stator C – D (40mm)                      | 1   |
|      | 330-1280  | Exciter stator E – H (60mm)                      | 1   |
|      | A052B588  | Exciter stator C – D (40mm) Severe Environmental | 1   |
|      | A052B648  | Exciter stator E – H (60mm) Severe Environmental | 1   |
| 11   | QMSN      | Main stator bar assy                             | 1   |
| 12   | 330-10137 | Foot                                             | 1   |
| 13   | QMSN      | Main rotor assy                                  | 2   |
| 14   | 210-1037  | Exciter rotor C – D 40mm                         | 1   |
|      | 310-1028  | Exciter rotor E – G 60mm                         | 1   |
| 15   | 45-0428   | Rotating rectifier assy                          | 1   |
| 16   | RSK-2001  | Diode fwd/rev & varistor kit                     | 1   |
| 17   | 450-15617 | Main Terminal board 8 Pin                        | 1   |
|      | 230-10624 | Main Terminal board 7 Pin                        | 1   |
| 18   | 330-10622 | Terminal box end panel NDE (Plain) & ENC500      | 1   |
|      | 330-10602 | Terminal box end panel NDE (Access) & ENC500     | 1   |
|      | 330-10634 | Terminal box end panel NDE (Plain) (Low Profile) | 1   |
| 19   | 330-10601 | Terminal box end panel DE (Plain) & ENC500       | 1   |
|      | 330-10630 | Terminal box end panel DE (Access)               | 1   |
|      | 330-10634 | Terminal box end panel DE(Plain) (Low Profile)   | 1   |

## UCI274C to H 1 Bearing (Continued)

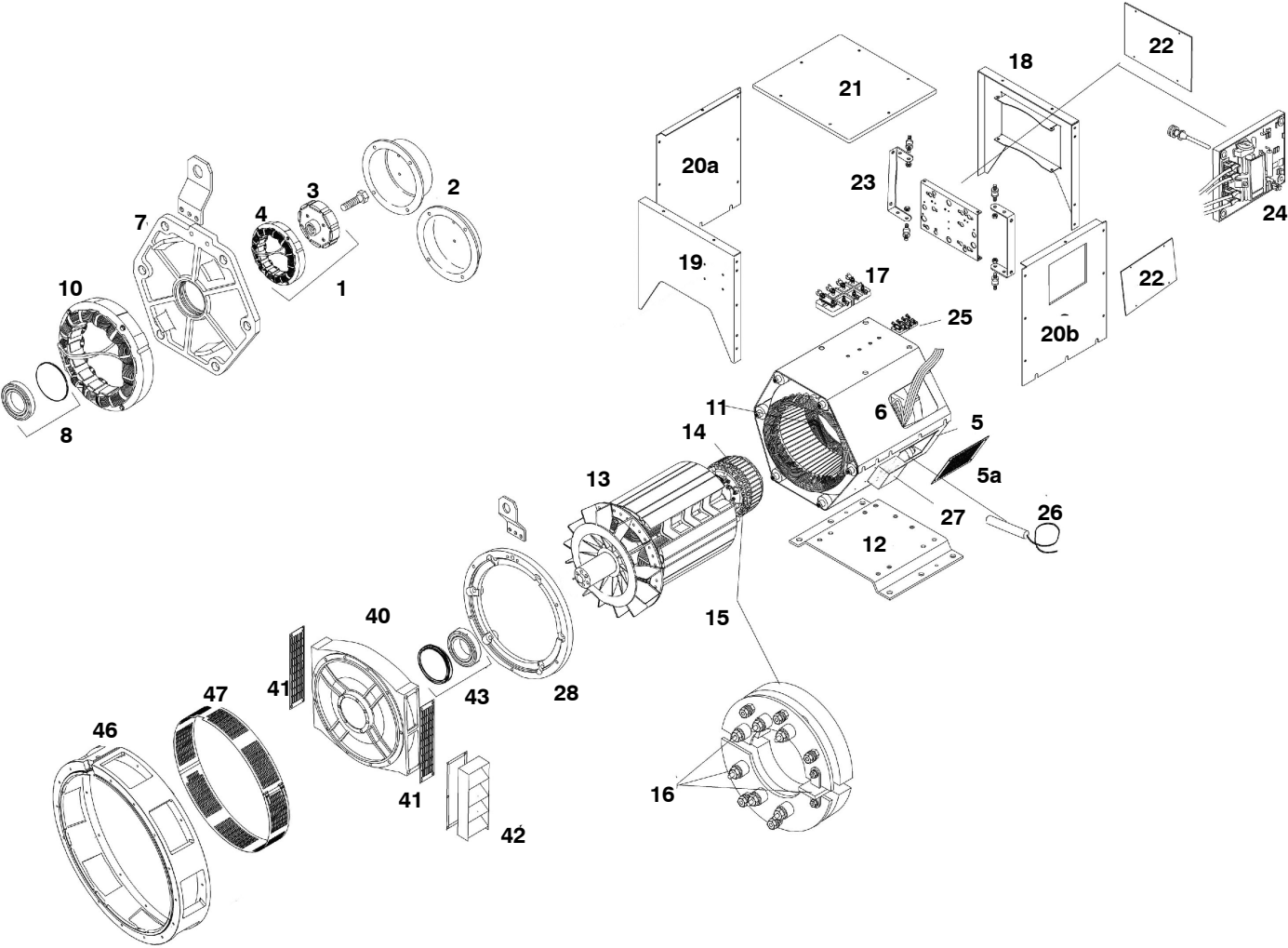
| Item | Part No.      | Description                                                                   | Qty |
|------|---------------|-------------------------------------------------------------------------------|-----|
| 20a  | 330-10603     | Terminal box side panel (Left hand) (Plain) & ENC500                          | 1   |
|      | 330-10617     | Terminal box side panel (Left hand) (Access) & ENC500                         | 1   |
|      | 330-10605     | Terminal box side panel (Left hand) (Airfilter) & ENC500                      | 1   |
|      | 330-10600     | Terminal box side panel (Left hand) (Low Profile)                             | 1   |
|      | 330-10613     | Terminal box side panel (Vent) (Plain) (Left hand) & ENC500 J-K Core only     | 1   |
|      | 330-10620     | Terminal box side panel (Vent) (Aperture) (Left hand) & ENC500 J-K Core only  | 1   |
|      | 330-10611     | Terminal box side panel (Vent) (Glandplate (Left hand) & ENC500 J-K Core only | 1   |
|      | 330-10615     | Terminal box side panel (Right Hand) (Airfilter) & ENC500                     | 1   |
|      | 330-10606     | Terminal box side panel (Right Hand) (Airfilter) (Aperture) & ENC500          | 1   |
|      | 330-10636     | Terminal box side panel (Right Hand) (Aperture) (Low Profile)                 | 1   |
|      | 330-10614     | Terminal box side panel (Vent) (Plain) (Right Hand) & ENC500 J-K Core only    | 1   |
|      | 330-10612     | Terminal box side panel (Vent) (Aperture) (Right Hand) & ENC500 J-K Core only | 1   |
| 21   | 330-10069     | Terminal box lid                                                              | 1   |
| 22   | 450-14310     | AVR Cover plate to (28/11/04)                                                 | 1   |
|      | 410-10536     | AVR Cover plate from (28/11/04)                                               | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                                          | 1   |
| 24   | E000-23412/1P | AVR MX341 (Standard Series 3)                                                 | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                  | 1   |
|      | E000-23212/1P | AVR MX321 (Series 3)                                                          | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                  | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                                                 | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                                         | 1   |
|      | E000-24602/1P | AVR SX460 (Standard Series 6)                                                 | 1   |
|      | E000-24608/1P | AVR SX460 UL Approved                                                         | 1   |
|      | E000-24210/1P | AVR SX421                                                                     | 1   |
|      | A062Y338      | AVR MX322                                                                     | 1   |
| 25   | 450-15489     | 6 way Terminal block                                                          | 2   |
| 26   | 45-0118       | Heater 110-125 VOLT                                                           | 1   |
|      | A053N107      | Heater 110-125 VOLT UL Cert                                                   | 1   |
|      | A040G630      | Heater Kit 110-125 v to incl term box for retro                               | 1   |
|      | A053X265      | Heater Kit 110-125 v to incl term box for retro UL Cert                       | 1   |
|      | 45-0117       | Heater 220-260 VOLT                                                           | 1   |
|      | A053N108      | Heater 220-260 VOLT UL Cert                                                   | 1   |
|      | A040G622      | Heater kit 220-260 v to incl term box for retro                               | 1   |
|      | A053X267      | Heater kit 220-260 v to incl term box for retro UL Cert                       | 1   |
| 27   | 45-0024       | Terminal box for heaters                                                      | 1   |
| 28   | 330-10001     | DE Adaptor ring                                                               | 1   |



## UCI274C to H 1 Bearing (Continued)

|    |           |                                       |   |
|----|-----------|---------------------------------------|---|
| 30 | 45-0690   | DE Adaptor Kit SAE 1                  | 1 |
|    | 45-0520   | DE Adaptor Kit SAE 2                  | 1 |
|    | 45-0521   | DE Adaptor Kit SAE 3                  | 1 |
| 31 | 310-10400 | DE Screen (Included in Adaptor Kits)  | 1 |
| 32 | 45-0633   | DE Louvre                             | 1 |
| 33 | 45-0764   | Coupling Kit SAE 10                   | 1 |
|    | 45-0765   | Coupling Kit SAE 11.5                 | 1 |
|    | 45-0766   | Coupling Kit SAE 14                   | 1 |
|    | 45-0767   | Coupling Kit DELCO 17.75              | 1 |
|    | 45-0768   | Coupling Kit SAE 11.5 (For SAE 1 New) | 1 |

UCI274C to H 2 Bearing ( 4 Pole)



## UCI274C to H 2 Bearing (4 Pole)

| Item | Part No.  | Description                                      | Qty |
|------|-----------|--------------------------------------------------|-----|
| 1    | 45-0075A  | Complete PMG upfit kit                           | 1   |
| 2    | 450-14360 | PMG Cover (Cover included in above kit)          | 1   |
|      | 450-14450 | NON PMG Cover                                    | 1   |
| 3    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 4    | 45-1080   | Current PMG rotor/stator repair kit              | 1   |
| 5    | 330-10386 | Main stator bottom cover C-D                     | 1   |
|      | 330-10387 | Main stator bottom cover E-F                     | 1   |
|      | 330-10388 | Main stator bottom cover G                       | 1   |
|      | 330-10389 | Main stator bottom cover H                       | 1   |
| 5a   | 330-10020 | Air inlet cover                                  | 2   |
|      | 330-10099 | Air inlet cover (Airfilter)                      | 2   |
| 6    | 330-10381 | Main stator top cover C-D                        | 1   |
|      | 330-10382 | Main stator top cover E-F                        | 1   |
|      | 330-10383 | Main stator top cover G                          | 1   |
|      | 330-10384 | Main stator top cover H                          | 1   |
| 7    | 330-10002 | NDE Bracket                                      | 1   |
|      | 330-10258 | NDE Bracket (For use with Brg RTD's)             |     |
| 8    | 45-0868   | NDE Bearing kit                                  | 1   |
| 10   | 230-1497  | Exciter stator C – D (40mm)                      | 1   |
|      | 330-1280  | Exciter stator E – H (60mm)                      | 1   |
|      | A052B588  | Exciter stator C – D (40mm) Severe Environmental | 1   |
|      | A052B648  | Exciter stator E – H (60mm) Severe Environmental | 1   |
| 11   | QMSN      | Main stator bar assy                             | 1   |
| 12   | 330-10137 | Foot                                             | 1   |
| 13   | QMSN      | Main rotor assy                                  | 2   |
| 14   | 210-1037  | Exciter rotor C – D 40mm                         | 1   |
|      | 310-1028  | Coupling Kit E – G 60mm                          | 1   |
| 15   | 45-0428   | Rotating rectifier assy                          | 1   |
| 16   | RSK-2001  | Diode fwd/rev & varistor kit                     | 1   |
| 17   | 450-15617 | Main Terminal board 8 Pin                        | 1   |
|      | 230-10624 | Main Terminal board 7 Pin                        | 1   |
| 18   | 330-10622 | Terminal box end panel NDE (Plain) & ENC500      | 1   |
|      | 330-10602 | Terminal box end panel NDE (Access) & ENC500     | 1   |
|      | 330-10634 | Terminal box end panel NDE (Plain) (Low Profile) | 1   |
| 19   | 330-10601 | Terminal box end panel DE (Plain) & ENC500       | 1   |
|      | 330-10630 | Terminal box end panel DE (Access)               | 1   |
|      | 330-10634 | Terminal box end panel DE (Plain) (Low Profile)  | 1   |

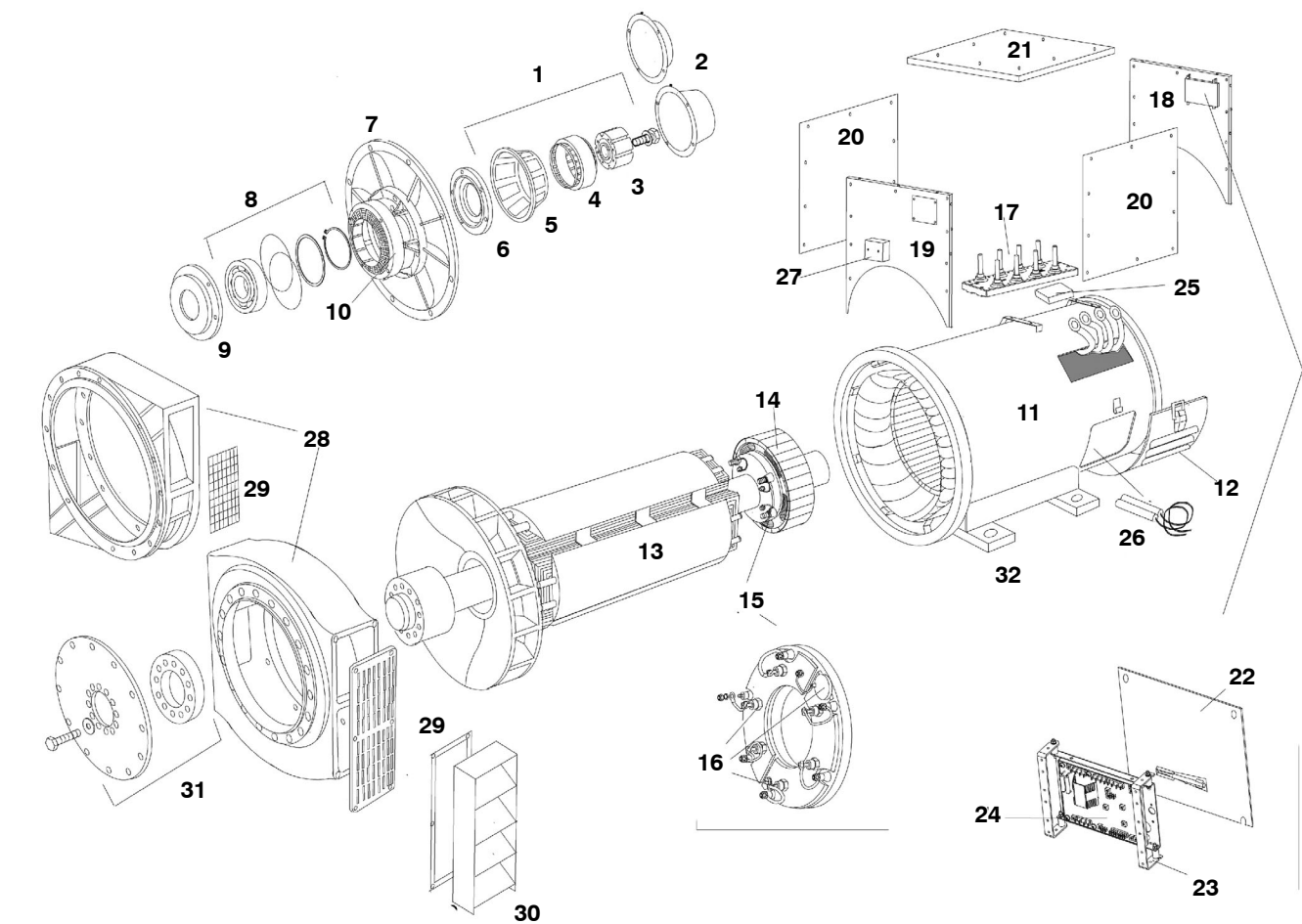
## UCI274C to H 2 Bearing (4 Pole) (Continued)

| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 20a  | 330-10603     | Terminal box end panel (Left hand) (Plain) & ENC500                            | 1   |
|      | 330-10617     | Terminal box end panel (Left hand) (Access) & ENC500                           | 1   |
|      | 330-10605     | Terminal box side panel (Left hand) (Airfilter) & ENC500                       | 1   |
|      | 330-10600     | Terminal box side panel (Left hand) (Low Profile)                              | 1   |
|      | 330-10613     | Terminal box side panel (Vent) (Plain) (Left hand) & ENC500 J-K Core Only      | 1   |
|      | 330-10620     | Terminal box side panel (Vent) (Aperture) (Left hand) & ENC500 J-K Core Only   | 1   |
|      | 330-10611     | Terminal box side panel (Vent) (Glandplate) (Left hand) & ENC500 J-K Core Only | 1   |
| 20b  | 330-10609     | Terminal box side panel (Right Hand) (Plain) & ENC500                          |     |
|      | 330-10615     | Terminal box side panel (Right Hand) (Airfilter) & ENC500                      | 1   |
|      | 330-10606     | Terminal box side panel (Right Hand) (Airfilter)(Aperture) & ENC500            | 1   |
|      | 330-10636     | Terminal box side panel (Right Hand)(Airfilter) (Low Profile)                  | 1   |
|      | 330-10614     | Terminal box side panel (Vent) (Plain) (Right Hand) & ENC500 J-K Core Only     | 1   |
|      | 330-10612     | Terminal box side panel (Vent) (Aperture) (Right Hand) & ENC500 J-K Core Only  | 1   |
| 21   | 330-10069     | Terminal box lid                                                               | 1   |
| 22   | 450-14310     | AVR Cover plate to (28/11/04)                                                  | 1   |
|      | 410-10536     | AVR Cover plate from (28/11/04)                                                | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                                           | 1   |
| 24   | E000-23412/1P | AVR MX341 (Standard Series 3)                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000-23212/1P | AVR MX321 (Series 3)                                                           | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                   | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                                                  | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                                          | 1   |
|      | E000-24602/1P | AVR SX460 (Standard Series 6)                                                  | 1   |
|      | E000-24608/1P | AVR SX460 UL Approved                                                          | 1   |
|      | E000-24210/1P | AVR SX421                                                                      | 1   |
|      | A062Y338      | AVR MX322                                                                      | 1   |
| 25   | 450-15489     | 6 Way Terminal block                                                           | 2   |
| 26   | 45-0118       | Heater 110-125 VOLT                                                            | 1   |
|      | A053N107      | Heater 110-125 VOLT UL Cert                                                    | 1   |
|      | A040G630      | Heater Kit 110-125 v to incl term box for retro                                | 1   |
|      | A053X265      | Heater Kit 110-125 v to incl term box for retro UL Cert                        | 1   |
|      | 45-0117       | Heater 220-260 volt                                                            | 1   |
|      | A053N108      | Heater 220-260 volt UL Cert                                                    | 1   |
|      | A040G622      | Heater Kit 220-260 v to incl term box for retro                                | 1   |
|      | A053X267      | Heater Kit 220-260 v to incl term box for retro UL Cert                        | 1   |
| 27   | 45-0024       | Terminal box for heaters                                                       | 1   |
| 28   | 330-10001     | DE Adaptor ring                                                                | 1   |
| 40   | 330-10076     | DE Bracket                                                                     | 1   |

### UCI274C to H 2 Bearing (4 Pole) (Continued)

| Item | Part No.  | Description                              | Qty |
|------|-----------|------------------------------------------|-----|
| 41   | 310-10049 | DE Screen                                | 2   |
| 42   | 45-0634   | Louvre                                   | 1   |
| 43   | 45-0367   | DEBearing kit                            | 1   |
| 46   | 45-0522   | Adaptor Kit SAE 1                        | 1   |
|      | 45-0523   | Adaptor Kit SAE 2                        | 1   |
|      | 45-0524   | Adaptor Kit SAE 3                        | 1   |
|      | 45-0863   | Adaptor Kit DIN 1                        | 1   |
|      | 45-0912   | Adaptor Kit DIN 2                        | 1   |
| 47   | See No.46 | Adaptor cover (Included in Adaptor Kits) | 1   |

HC434C to F – 1 Bearing



## HC434C to F – 1 Bearing

| Item | Part No.  | Description                                        | Qty |
|------|-----------|----------------------------------------------------|-----|
| 1    | 45-0059A  | Complete PMG upfit kit (to 18/08/00) (Obsolete)    | 1   |
|      | 45-0318A  | Complete PMG upfit kit                             | 1   |
| 2    | 450-13350 | PMG Cover only Incl in Kit 45-0059A                | 1   |
|      | 410-10704 | PMG Cover only Incl in Kit 45-0318A                | 1   |
|      | 450-12590 | NON PMG Cover (to 18/08/00)                        | 1   |
|      | 410-10705 | NON PMG Cover(from 18/08/00)                       | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                | 1   |
| 5    | See No. 1 | PMG Crown (if fitted)                              | 1   |
| 6    | 410-10267 | NDE Bearing cap to (18/08/2000)                    | 1   |
| 7    | 410-10256 | NDE Bracket to (02/2000)                           | 1   |
|      | 410-10703 | NDE Bracket from (02/2000)                         | 1   |
| 8    | 45-0291   | NDE Bearing Kit (Sealed) to (18/08/00)             | 1   |
|      | 45-0320   | NDE Bearing Kit (Sealed) from (18/08/00)           | 1   |
| 9    | 458-10110 | NDE Bearing cartridge to (18/08/2000)              | 1   |
| 10   | 410-1052  | Exciter stator 50mm                                | 1   |
|      | A052D639  | Exciter stator 50mm Severe Environmental           | 1   |
| 11   | QMSN      | Main stator frame assy                             | 1   |
| 12   | 458-20200 | NDE Air inlet cover (louvred)                      | 1   |
|      | 410-10799 | NDE Air inlet cover (industrial)                   | 1   |
|      | 458-20400 | NDE Air inlet cover (airfilter)                    | 1   |
| 13   | QMSN      | Main rotor assy                                    | 1   |
| 14   | 458-22800 | Exciter rotor 50mm to (22/11/99)                   | 1   |
|      | 410-1194  | Exciter rotor 50mm from (22/11/99)                 | 1   |
| 15   | 450-16016 | Rotating rectifier assy                            | 1   |
| 16   | RSK-5001  | Diode fwd/rev & varistor kit                       | 1   |
| 17   | 410-10720 | Main terminal board                                | 1   |
| 18   | 410-10494 | Terminal box end panel NDE to (21/07/02)           | 1   |
|      | 410-10785 | Terminal box end panel NDE from (21/07/02)         | 1   |
|      | 410-10872 | Terminal box end panel NDE (EU Machine Dir.)       | 1   |
|      | 410-10790 | Terminal box end panel NDE reconnectable 410-10790 | 1   |
| 19   | 410-10495 | Terminal box end panel DE to (21/07/02)            | 1   |
|      | 410-10784 | Terminal box end panel DE from (21/07/02)          | 1   |
|      | 410-10871 | Terminal box end panel DE (EU Machine Dir.)        | 1   |
|      | 410-10789 | Terminal box end panel DE reconnectable            | 1   |

## HC434C to F – 1 Bearing (Continued)

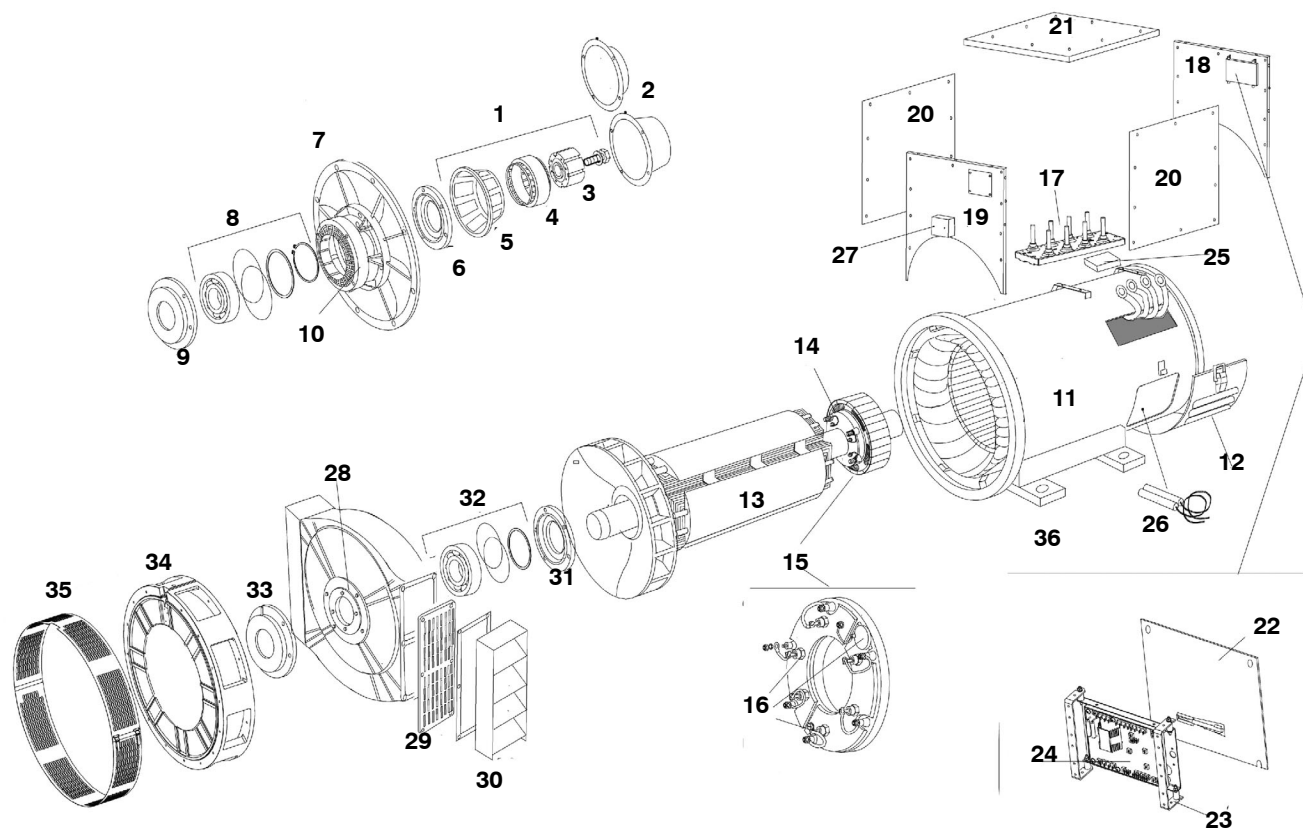
| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 20   | 410-10496     | Terminal box side panel to (21/07/98)                   | 2   |
|      | 410-10786     | Terminal box side panel from (21/07/98)                 | 2   |
|      | 410-10803     | Terminal box side panel (airfilter)                     | 2   |
|      | 410-10859     | Terminal box side panel (airfilter) (EU Machine Dir.)   | 2   |
|      | 410-10870     | Terminal box side panel (aperture) (EU Machine Dir.)    | 2   |
|      | 410-10819     | Terminal box side panel (avr/pfc rhs)                   | 1   |
|      | 410-10873     | Terminal box side panel (avr/pfc rhs) (EU Machine Dir.) | 1   |
|      | 410-10788     | Terminal box side panel (glandplate)                    | 2   |
| 21   | 410-10173     | Terminal box lid to (21/07/98)                          | 1   |
|      | 410-10497     | Terminal box lid from (21/07/98)                        | 1   |
| 22   | 410-10536     | AVR Cover plate to (21/07/02)                           | 1   |
|      | 450-15254     | AVR Cover plate from (21/07/02)                         | 1   |
|      | 450-16417     | AVR Cover (EU Machine Dir. No mounting bracket) x 1     | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                     | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                    | 1   |
| 24   | E000-23412/1P | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                   | 2   |
|      | E000-23212/1P | AVR MX321                                               | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | A062Y338      | AVR MX321 UL                                            | 1   |
|      | A060B914      | AVR DECS-150                                            | 1   |
| 25   | 450-15489     | Auxiliary terminal board                                | 2   |
| 26   | 45-0373       | Heater 110-125 volt                                     | 1   |
|      | A053M957      | Heater 110-125 volt UL Cert                             | 1   |
|      | A051Y935      | Heater Kit 110-125V to Incl term box for retro          | 1   |
|      | A053X245      | Heater Kit 110-125V to Incl term box for retro UL Cert  | 1   |
|      | 45-0374       | Heater 220-260 volt                                     | 1   |
|      | A053M965      | Heater 220-260 volt UL Cert                             | 1   |
|      | A040G610      | Heater 220-260V to Incl term box for retro              | 1   |
|      | A053X247      | Heater 220-260V to Incl term box for retro UL Cert      | 1   |
| 27   | 45-0024       | Terminal box for heaters                                | 1   |



## HC434C to F – 1 Bearing (Continued)

| Item | Part No.  | Description                    | Qty |
|------|-----------|--------------------------------|-----|
| 28   | 45-0663   | DE adaptor Kit SAE 0           | 1   |
|      | 45-0664   | DE adaptor Kit SAE 0.5         | 1   |
|      | 45-0665   | DE adaptor Kit SAE 1           | 1   |
|      | 45-0721   | DE adaptor Kit SAE 2           | 1   |
|      | 45-0753   | DE adaptor Kit SAE 3           | 1   |
|      | 45-0916   | DE adaptor Kit SAE1 round      | 1   |
| 29   | 410-10762 | DE Screen Incl in Adaptor Kits | 1   |
| 30   | 45-0651   | DE Louvre SAE 0.5 & 1          | 1   |
|      | 45-0652   | DE Louvre SAE-0                | 1   |
| 31   | 45-0776   | Coupling Kit SAE 11.5          | 2   |
|      | 45-0777   | Coupling Kit SAE 14            | 1   |
|      | 45-0778   | Coupling Kit SAE 18            | 1   |
|      | 45-0779   | Coupling Kit SAE 17.75         | 1   |
| 32   | A056D894  | Brkt, Foot, F4                 | 1   |
|      | A056V555  | Bar, Foot, F4                  | 2   |
|      | A056V557  | Bar, Foot, F4                  | 2   |

## HC434C to F – 2 Bearing



## HC434C to F – 2 Bearing

| Item | Part No.  | Description                                        | Qty |
|------|-----------|----------------------------------------------------|-----|
| 1    | 45-0059A  | Complete PMG upfit kit (to 18/08/00) (Obsolete)    | 1   |
|      | 45-0318A  | Complete PMG upfit kit                             | 1   |
| 2    | 450-13350 | PMG Cover only included in Kit 45-0059A            | 1   |
|      | 410-10704 | PMG Cover only included in Kit 45-0318A            | 1   |
|      | 450-12590 | NON PMG Cover (to 18/08/00)                        | 1   |
|      | 410-10705 | NON PMG Cover(from 18/08/00)                       | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                | 1   |
| 5    | See No. 1 | PMG Crown (if fitted)                              | 1   |
| 6    | 410-10268 | NDE Bearing cap to (18/08/2000)                    | 1   |
| 7    | 410-10256 | NDE Bracket to (02/2000)                           | 1   |
|      | 410-10703 | NDE Bracket from (02/2000)                         | 1   |
| 8    | 45-0291   | NDE Bearing Kit (Sealed) to (18/08/00)             | 1   |
|      | 45-0320   | NDE Bearing Kit (Sealed) from (18/08/00)           | 1   |
| 9    | 458-12960 | NDE Bearing cartridge to (18/08/2000)              | 1   |
| 10   | 410-1052  | Exciter stator 50mm                                | 1   |
|      | A052D639  | Exciter stator 50mm Severe Environmental           | 1   |
| 11   | QMSN      | Main stator frame assy                             | 1   |
| 12   | 458-20200 | NDE Air inlet cover (louvred)                      | 1   |
|      | 410-10799 | NDE Air inlet cover (industrial)                   | 1   |
|      | 458-20400 | NDE Air inlet cover (airfilter)                    | 1   |
| 13   | QMSN      | Main rotor assy                                    | 1   |
| 14   | 458-22800 | Exciter rotor 50mm to (22/11/99)                   | 1   |
|      | 410-1194  | Exciter rotor 50mm from (22/11/99)                 | 1   |
| 15   | 450-16016 | Rotating rectifier assy                            | 1   |
| 16   | RSK-5001  | Diode fwd/rev & varistor kit                       | 1   |
| 17   | 410-10720 | Main terminal board                                | 1   |
| 18   | 410-10494 | Terminal box end panel NDE to (21/07/02)           | 1   |
|      | 410-10785 | Terminal box end panel NDE from (21/07/02)         | 1   |
|      | 410-10872 | Terminal box end panel NDE (EU Machine Dir.)       | 1   |
|      | 410-10790 | Terminal box end panel NDE reconnectable 410-10790 | 1   |
| 19   | 410-10495 | Terminal box end panel DE to (21/07/02)            | 1   |
|      | 410-10784 | Terminal box end panel DE from (21/07/02)          | 1   |
|      | 410-10871 | Terminal box end panel DE (EU Machine Dir.)        | 1   |
|      | 410-10789 | Terminal box end panel DE reconnectable            | 1   |

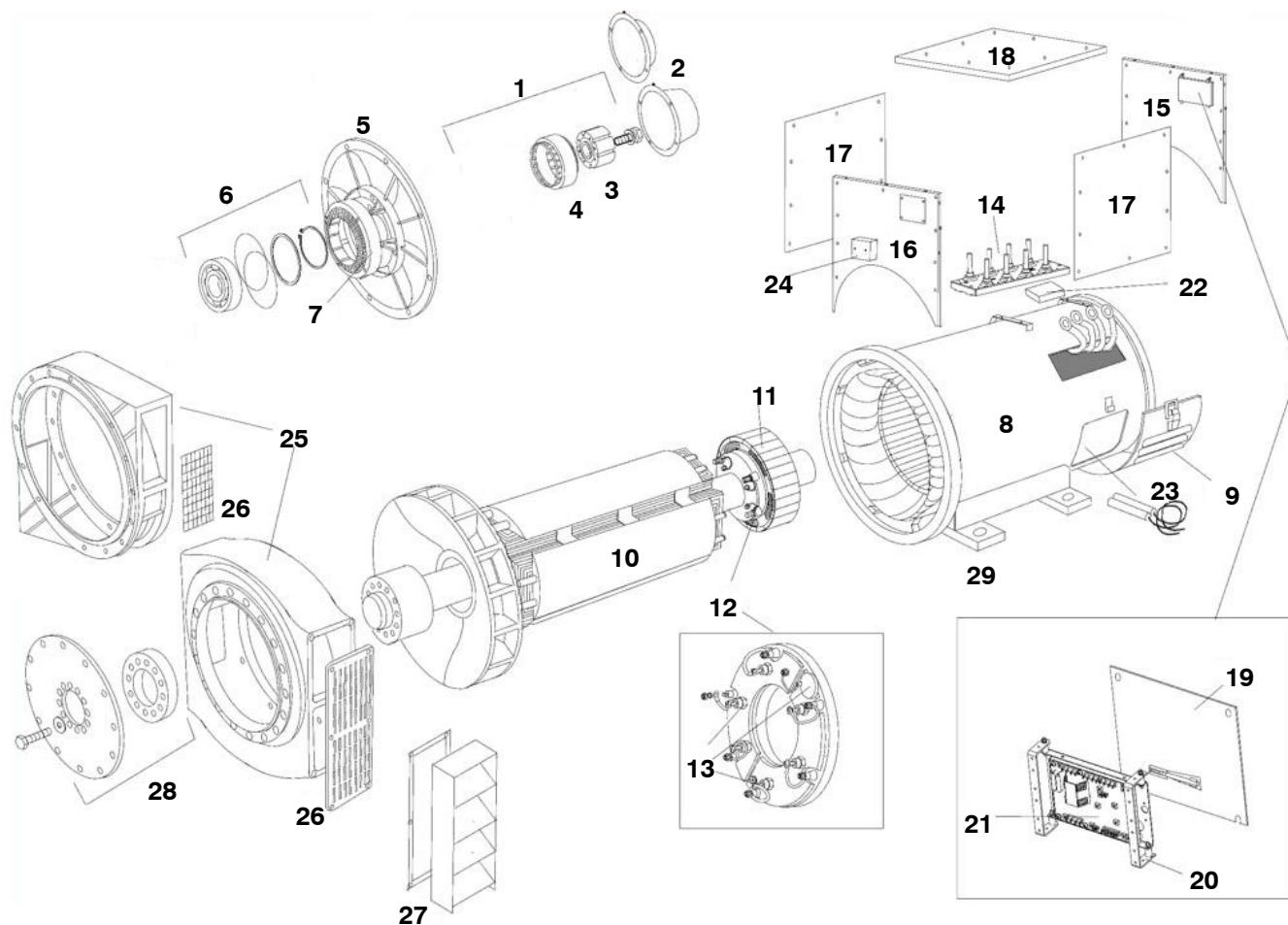
## HC434C to F – 2 Bearing (Continued)

| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 20   | 410-10496     | Terminal box side panel to (21/07/98)                   | 2   |
|      | 410-10786     | Terminal box side panel from (21/07/98)                 | 2   |
|      | 410-10803     | Terminal box side panel (airfilter)                     | 2   |
|      | 410-10859     | Terminal box side panel (airfilter) (EU Machine Dir.)   | 2   |
|      | 410-10870     | Terminal box side panel (aperture) (EU Machine Dir.)    | 2   |
|      | 410-10819     | Terminal box side panel (avr/pfc rhs)                   | 1   |
|      | 410-10873     | Terminal box side panel (avr/pfc rhs) (EU Machine Dir.) | 1   |
|      | 410-10788     | Terminal box side panel (glandplate)                    | 2   |
| 21   | 410-10173     | Terminal box lid to (21/07/98)                          | 1   |
|      | 410-10497     | Terminal box lid from (21/07/98)                        | 1   |
| 22   | 410-10536     | AVR Cover plate to (21/07/02)                           | 1   |
|      | 450-15254     | AVR Cover plate from (21/07/02)                         | 1   |
|      | 450-16417     | AVR Cover (EU Machine Dir. No mounting bracket) x 1     | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                     | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                    | 1   |
| 24   | E000-23412/1P | AVR MX341 (standard series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                   | 2   |
|      | E000-23212/1P | AVR MX321                                               | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | A062Y338      | AVR MX322                                               | 1   |
|      | A060B914      | AVR DECS-150                                            | 1   |
| 25   | 450-15489     | Auxiliary terminal board                                | 2   |
| 26   | 45-0073       | Heater 110-125 volt                                     | 1   |
|      | A053M957      | Heater 110-125 volt UL Cert                             | 1   |
|      | A051Y935      | Heater Kit 110-125v to incl term box for retro          | 1   |
|      | A053X245      | Heater Kit 110-125v to incl term box for retro UL Cert  | 1   |
|      | 45-0374       | Heater 220-260 volt                                     | 1   |
|      | A053M965      | Heater 220-260 volt UL Cert                             | 1   |
|      | A040G610      | Heater Kit 220-260v to incl term box for retro          | 1   |
|      | A053X247      | Heater Kit 220-260v to incl term box for retro UL Cert  | 1   |
| 27   | 45-0024       | Terminal box for heaters                                | 1   |

## HC434C to F – 2 Bearing (Continued)

| Item | Part No.       | Description                             | Qty |
|------|----------------|-----------------------------------------|-----|
| 28   | 458-11170      | DE Bracket to (12/09/04)                | 1   |
|      | 410-10781      | DE Bracket from (12/09/04)              | 1   |
| 29   | 458-10260      | DE Bracket screen                       | 1   |
| 30   | 45-0653        | DE Louvre                               | 1   |
| 31   | 458-10130      | DE Bearing cartridge to (18/08/00)      | 1   |
|      | 410-10708      | DE Bearing cartridge from (18/08/00)    | 1   |
| 32   | 45-0290        | DE Bearing Kit (Sealed) to (18/08/00)   | 1   |
|      | 45-0319        | DE Bearing kit (Sealed) from (18/08/00) | 1   |
| 33   | 410-10269      | DE Bearing cap outer to (18/08/00)      | 1   |
|      | 410-10706      | DE Bearing cap outer from (18/08/00)    | 2   |
| 34   | 45-0675        | 2 Brg Adaptor Kit (SAE 0)               | 1   |
|      | 45-0677        | 2 Brg Adaptor Kit (SAE 0.5)             | 1   |
|      | 45-0676        | 2 Brg Adaptor Kit (SAE 1)               | 1   |
|      | 45-0910        | 2 Brg Adaptor Kit (DIN 1)               | 1   |
| 35   | Included in 34 | DE Cover Screen (Included in Kits)      | 2   |
| 36   | A056D894       | Brkt, Foot, F4                          | 1   |
|      | A056V555       | Bar, Foot, F4                           | 2   |
|      | A056V557       | Bar, Foot, F4                           | 2   |

## S4C to F – 1 Bearing



## S4C to F – 1 Bearing

| Item | Part No.  | Description                                             | Qty |
|------|-----------|---------------------------------------------------------|-----|
| 1    | 45-0318A  | Complete PMG Upfit Kit                                  | 1   |
| 2    | 410-10704 | PMG Cover Only Included in Item 1                       | 1   |
|      | 410-10705 | Non PMG Cover (From 18/08/00)                           |     |
| 3    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 4    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 5    | 410-10703 | NDE Bracket From (02/2000)                              | 1   |
| 6    | 45-0320   | NDE Bearing Kit From (18/08/00)                         | 1   |
| 7    | 410-1052  | Exciter Stator 50mm                                     | 1   |
|      | A052D639  | Exciter Stator 50mm Severe Environmental                | 1   |
| 8    | QMSN      | Main Stator Frame Assy                                  | 1   |
| 9    | 458-20200 | NDE Air Inlet Cover (Louvred)                           | 1   |
|      | 410-10799 | NDE Air Inlet Cover (Industrial)                        | 1   |
|      | 458-20400 | NDE Air Inlet Cover (Air Filter)                        | 1   |
| 10   | QMSN      | Main Rotor Assy                                         | 1   |
| 11   | 410-1194  | Exciter Rotor 50mm From (22/11/99)                      | 1   |
| 12   | 450-16016 | Rotating Rectifier Assy                                 | 1   |
| 13   | RSK-5001  | Diode FWD/REV & Varistor Kit                            | 1   |
| 14   | 410-10720 | Main Terminal Board                                     | 1   |
| 15   | 410-10785 | Terminal Box end panel NDE From (21/07/02)              | 1   |
|      | 410-10872 | Terminal Box end panel NDE From (EU Machine Dir.)       | 1   |
|      | 410-10790 | Terminal Box end panel NDE Reconstructable 410-10790    | 1   |
| 16   | 410-10784 | Terminal Box end panel DE From (21/07/02)               | 1   |
|      | 410-10871 | Terminal Box end panel DE From (EU Machine Dir.)        | 1   |
|      | 410-10789 | Terminal Box end panel NDE Reconstructable              | 1   |
| 17   | 410-10786 | Terminal Box side panel From (21/07/98)                 | 2   |
|      | 410-10803 | Terminal Box side panel (Air Filter)                    | 2   |
|      | 410-10859 | Terminal Box side panel (Air Filter) (EU Machine Dir.)  | 2   |
|      | 410-10870 | Terminal Box side panel (Aperture) (EU Machine Dir.)    | 1   |
|      | 410-10819 | Terminal Box side panel (AVR/PFC RHS)                   | 1   |
|      | 410-10873 | Terminal Box side panel (AVR/PFC RHS) (EU Machine Dir.) | 1   |
|      | 410-10788 | Terminal Box side panel (Glandplate)                    | 2   |
| 18   | 410-10497 | Terminal Box Lid From (21/07/98)                        | 1   |
| 19   | 450-16417 | AVR Cover (EU Machine Dir. No mounting bracket) x 1     | 1   |
| 20   | 45-0742   | AVR Mounting Bracket                                    | 1   |
|      |           |                                                         |     |
|      |           | Continued...                                            |     |

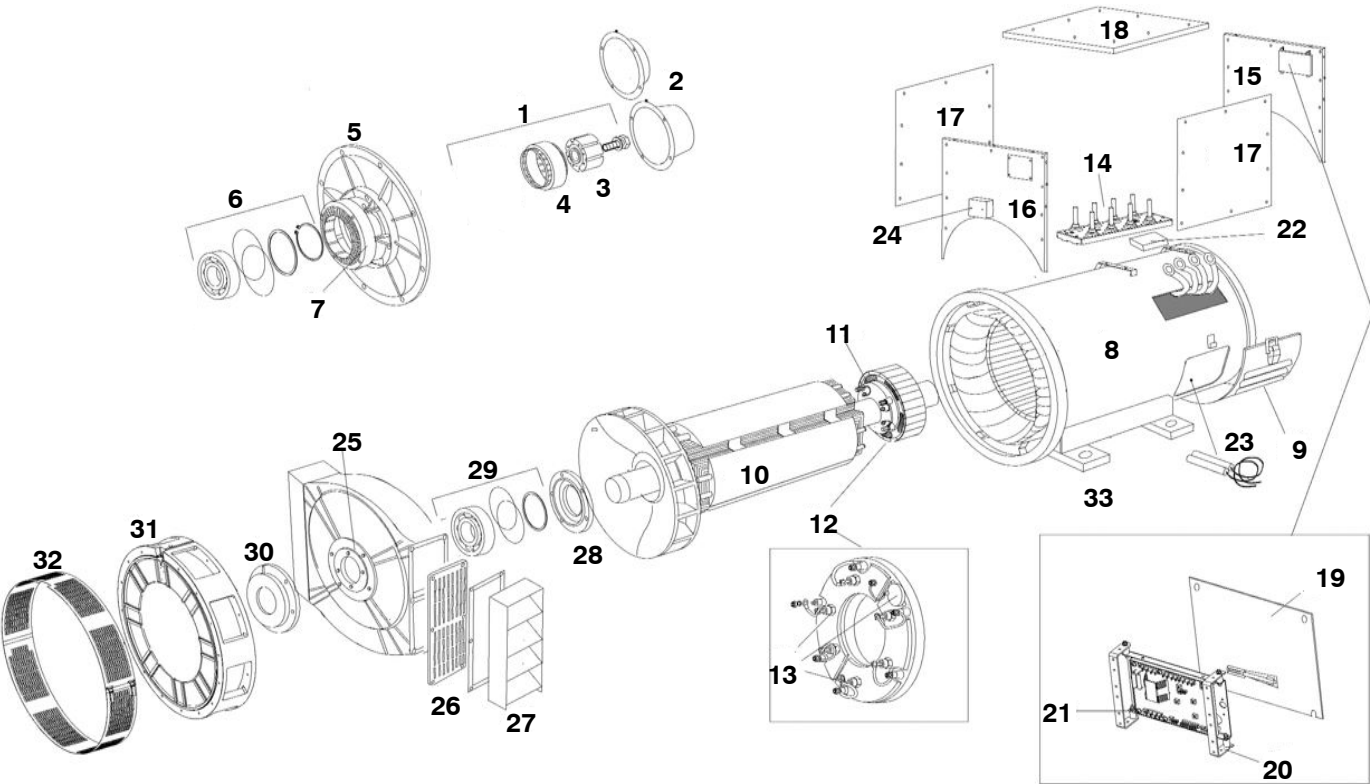
## S4C to F – 1 Bearing

| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 21   | E000-23412/1P | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                   | 1   |
|      | E000-23212/1P | AVR MX321                                               | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | A062Y338      | AVR MX322                                               | 1   |
|      | A060B914      | AVR DECS-150                                            | 1   |
| 22   | 450-15489     | Auxiliary Terminal Board                                | 2   |
| 23   | 45-0373       | Heater 110-125 Volt                                     | 1   |
|      | A053M957      | Heater 110-125 Volt UL Cert.                            | 1   |
|      | A051Y935      | Heater Kit 110-125V to Incl Term Box for Retro          | 1   |
|      | A053X245      | Heater Kit 110-125V to Incl Term Box for Retro UL Cert. | 1   |
|      | 45-0374       | Heater 220-260 Volt                                     | 1   |
|      | A053M965      | Heater 220-260 Volt UL Cert.                            | 1   |
|      | A040G610      | Heater 220-260V to Incl Term Box for Retro              | 1   |
|      | A053X247      | Heater 220-260V to Incl Term Box for Retro UL Cert.     | 1   |
| 24   | 45-0024       | Terminal Box for Heaters                                | 1   |
| 25   | 45-0663       | DE Adapter Kit (SAE 0)                                  | 1   |
|      | 45-0664       | DE Adapter Kit (SAE 0.5)                                | 1   |
|      | 45-0665       | DE Adapter Kit (SAE 1)                                  | 1   |
|      | 45-0721       | DE Adapter Kit (SAE 2)                                  | 1   |
|      | 45-0753       | DE Adapter Kit (SAE 3)                                  | 1   |
|      | 45-0916       | DE Adapter Kit (SAE 1 Round)                            | 1   |
| 26   | 410-10762     | DE Screen (Included in Adapter Kits)                    | 2   |
| 27   | 45-0651       | DE Louvre (SAE 0.5 & 1)                                 | 1   |
|      | 45-0652       | DE Louvre (SAE-0)                                       | 1   |
| 28   | 45-0776       | Coupling Kit SAE 11.5                                   | 1   |
|      | 45-0777       | Coupling Kit SAE 14                                     | 1   |
|      | 45-0778       | Coupling Kit SAE 18                                     | 1   |
|      | 45-0779       | Coupling Kit SAE 17.75                                  | 1   |
| 29   | A056D894      | Brkt, Foot, F4                                          | 1   |
|      | A056V555      | Bar, Foot, F4                                           | 2   |
|      | A056V557      | Bar, Foot, F4                                           | 2   |



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S4C to F – 2 Bearing



## S4C to F – 2 Bearing

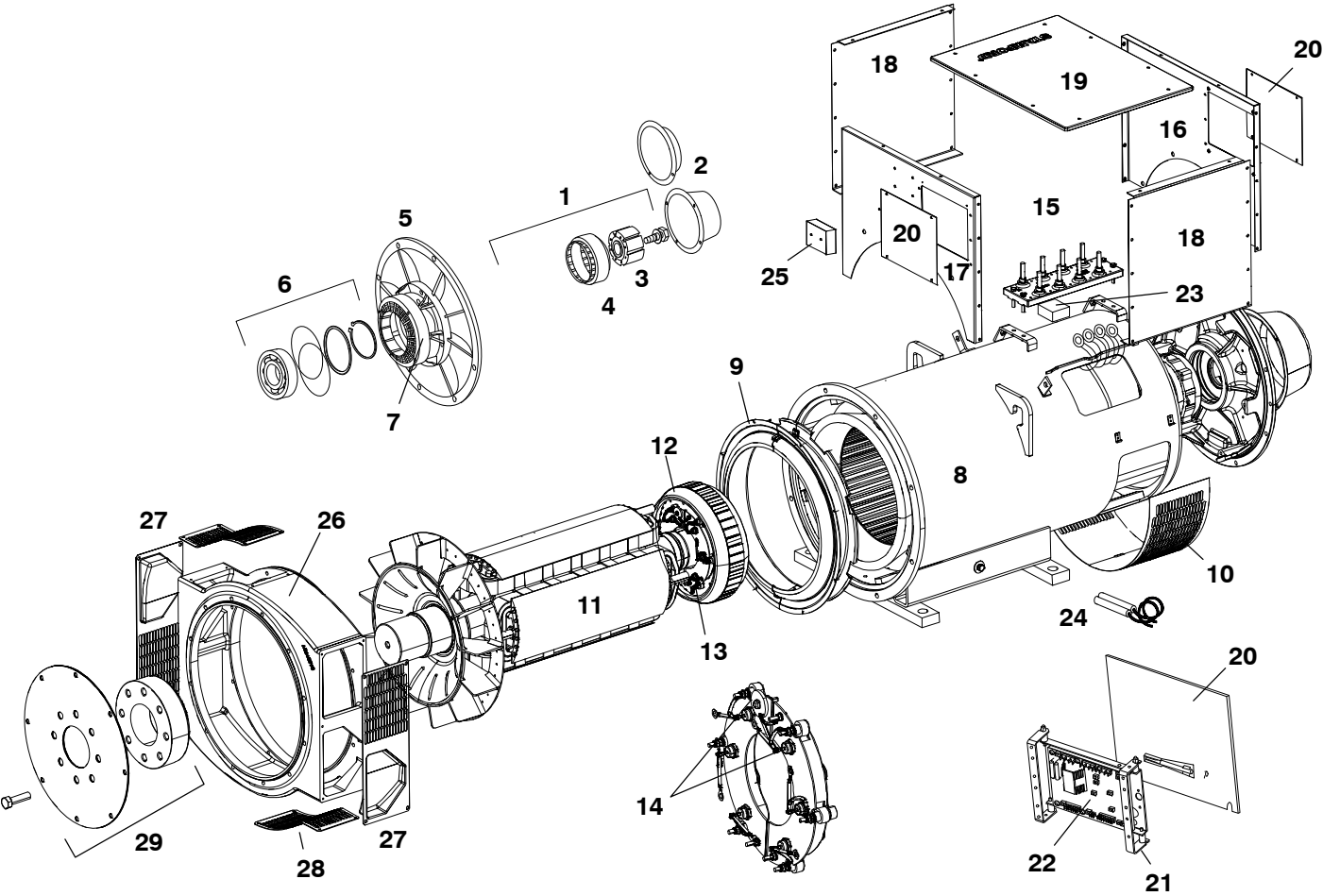
| Item | Part No.  | Description                                             | Qty |
|------|-----------|---------------------------------------------------------|-----|
| 1    | 45-0318A  | Complete PMG Upfit Kit                                  | 1   |
| 2    | 410-10704 | PMG Cover Only Included in Item 1                       | 1   |
|      | 410-10705 | Non PMG Cover (From 18/08/00)                           |     |
| 3    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 4    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 5    | 410-10703 | NDE Bracket From (02/2000)                              | 1   |
| 6    | 45-0320   | NDE Bearing Kit From (18/08/00)                         | 1   |
| 7    | 410-1052  | Exciter Stator 50mm                                     | 1   |
|      | A052D639  | Exciter Stator 50mm Severe Environmental                | 1   |
| 8    | QMSN      | Main Stator Frame Assy                                  | 1   |
| 9    | 458-20200 | NDE Air Inlet Cover (Louvred)                           | 1   |
|      | 410-10799 | NDE Air Inlet Cover (Industrial)                        | 1   |
|      | 458-20400 | NDE Air Inlet Cover (Air Filter)                        | 1   |
| 10   | QMSN      | Main Rotor Assy                                         | 1   |
| 11   | 410-1194  | Exciter Rotor 50mm From (22/11/99)                      | 1   |
| 12   | 450-16016 | Rotating Rectifier Assy                                 | 1   |
| 13   | RSK-5001  | Diode FWD/REV & Varistor Kit                            | 1   |
| 14   | 410-10720 | Main Terminal Board                                     | 1   |
| 15   | 410-10785 | Terminal Box end panel NDE From (21/07/02)              | 1   |
|      | 410-10872 | Terminal Box end panel NDE From (EU Machine Dir.)       | 1   |
|      | 410-10790 | Terminal Box end panel NDE Reconstructable 410-10790    | 1   |
| 16   | 410-10784 | Terminal Box end panel DE From (21/07/02)               | 1   |
|      | 410-10871 | Terminal Box end panel DE From (EU Machine Dir.)        | 1   |
|      | 410-10789 | Terminal Box end panel NDE Reconstructable              | 1   |
| 17   | 410-10786 | Terminal Box side panel From (21/07/98)                 | 2   |
|      | 410-10803 | Terminal Box side panel (Air Filter)                    | 2   |
|      | 410-10859 | Terminal Box side panel (Air Filter) (EU Machine Dir.)  | 2   |
|      | 410-10870 | Terminal Box side panel (Aperture) (EU Machine Dir.)    | 1   |
|      | 410-10819 | Terminal Box side panel (AVR/PFC RHS)                   | 1   |
|      | 410-10873 | Terminal Box side panel (AVR/PFC RHS) (EU Machine Dir.) | 1   |
|      | 410-10788 | Terminal Box side panel (Glandplate)                    | 2   |
| 18   | 410-10497 | Terminal Box Lid From (21/07/98)                        | 1   |
| 19   | 450-16417 | AVR Cover (EU Machine Dir. No mounting bracket) x 1     | 1   |
| 20   | 45-0742   | AVR Mounting Bracket                                    | 1   |
|      |           |                                                         |     |
|      |           | <b>Continued...</b>                                     |     |

## S4C to F – 2 Bearing (Continued)

| Item | Part No.            | Description                                             | Qty |
|------|---------------------|---------------------------------------------------------|-----|
| 21   | E000-23412/1P       | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P       | AVR MX341 UL                                            | 1   |
|      | E000-24403/1P       | AVR AS440 (Standard Series 4)                           | 1   |
|      | E000-24408/1P       | AVR AS440 UL Approved                                   | 1   |
|      | E000-23212/1P       | AVR MX321                                               | 1   |
|      | E000-23215/1P       | AVR MX321 UL                                            | 1   |
|      | A062Y338            | AVR MX322                                               | 1   |
|      | A060B914            | AVR DECS-150                                            | 1   |
| 22   | 450-15489           | Auxiliary Terminal Board                                | 2   |
| 23   | 45-0373             | Heater 110-125 Volt                                     | 1   |
|      | A053M957            | Heater 110-125 Volt UL Cert.                            | 1   |
|      | A051Y935            | Heater Kit 110-125V to Incl Term Box for Retro          | 1   |
|      | A053X245            | Heater Kit 110-125V to Incl Term Box for Retro UL Cert. | 1   |
|      | 45-0374             | Heater 220-260 Volt                                     | 1   |
|      | A053M965            | Heater 220-260 Volt UL Cert.                            | 1   |
|      | A040G610            | Heater 220-260V to Incl Term Box for Retro              | 1   |
|      | A053X247            | Heater 220-260V to Incl Term Box for Retro UL Cert.     | 1   |
| 24   | 45-0024             | Terminal Box for Heaters                                | 1   |
| 25   | 410-10781           | DE Bracket From (12/09/04)                              | 1   |
| 26   | 458-10260           | DE Bracket Screen                                       | 2   |
| 27   | 45-0653             | DE Louvre                                               | 1   |
| 28   | 410-10708           | DE Bearing Cartridge From (18/08/00)                    | 1   |
| 29   | 45-0319             | DE Bearing Kit From (18/08/00)                          | 1   |
| 30   | 410-10706           | DE Bearing Cap Outer From (18/08/00)                    | 1   |
| 31   | 45-0675             | 2 Brg Adapter Kit (SAE 0)                               | 1   |
|      | 45-0677             | 2 Brg Adapter Kit (SAE 0.5)                             | 1   |
|      | 45-0676             | 2 Brg Adapter Kit (SAE 1)                               | 1   |
|      | 45-0910             | 2 Brg Adapter Kit (DIN 1)                               | 1   |
| 32   | Included in Item 31 | DE Cover Screen (Included in Kits)                      | 2   |
| 33   | A056D894            | Brkt, Foot, F4                                          | 1   |
|      | A056V555            | Bar, Foot, F4                                           | 2   |
|      | A056V557            | Bar, Foot, F4                                           | 2   |

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S4G – 1 Bearing (Dedicated)



## S4G – 1 Bearing (Dedicated)

| Item | Part No.  | Description                                             | Qty |
|------|-----------|---------------------------------------------------------|-----|
| 1    | 45-0318A  | Complete PMG Upfit Kit                                  | 1   |
| 2    | 410-10704 | PMG Cover Only Included in Item 1                       | 1   |
|      | 410-10705 | Non PMG Cover (From 18/08/00)                           |     |
| 3    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 4    | 45-1082   | Current PMG Rotor/Stator Repair Kit                     | 1   |
| 5    | 410-10703 | NDE Bracket From (02/2000)                              | 1   |
| 6    | 45-0320   | NDE Bearing Kit From (18/08/00)                         | 1   |
| 7    | 410-1052  | Exciter Stator 50mm                                     | 1   |
|      | A052D639  | Exciter Stator 50mm Severe Environmental                | 1   |
| 8    | QMSN      | Main Stator Frame Assy                                  | 1   |
| 9    | A054S342  | Air Flow Baffle (G Core Only)                           | 2   |
| 10   | 458-20200 | NDE Air Inlet Cover (Louvred)                           | 1   |
|      | 410-10799 | NDE Air Inlet Cover (Industrial)                        | 1   |
|      | 458-20400 | NDE Air Inlet Cover (Air Filter)                        | 1   |
| 11   | QMSN      | Main Rotor Assy                                         | 1   |
| 12   | 410-1194  | Exciter Rotor 50mm From (22/11/99)                      | 1   |
| 13   | 450-16016 | Rotating Rectifier Assy                                 | 1   |
| 14   | RSK-5001  | Diode FWD/REV & Varistor Kit                            | 1   |
| 15   | 410-10720 | Main Terminal Board                                     | 1   |
| 16   | 410-10785 | Terminal Box end panel NDE From (21/07/02)              | 1   |
|      | 410-10872 | Terminal Box end panel NDE From (EU Machine Dir.)       | 1   |
|      | 410-10790 | Terminal Box end panel NDE Reconstructable 410-10790    | 1   |
| 17   | 410-10784 | Terminal Box end panel DE From (21/07/02)               | 1   |
|      | 410-10871 | Terminal Box end panel DE From (EU Machine Dir.)        | 1   |
|      | 410-10789 | Terminal Box end panel NDE Reconstructable              | 1   |
| 18   | 410-10786 | Terminal Box side panel From (21/07/98)                 | 2   |
|      | 410-10803 | Terminal Box side panel (Air Filter)                    | 2   |
|      | 410-10859 | Terminal Box side panel (Air Filter) (EU Machine Dir.)  | 2   |
|      | 410-10870 | Terminal Box side panel (Aperture) (EU Machine Dir.)    | 1   |
|      | 410-10819 | Terminal Box side panel (AVR/PFC RHS)                   | 1   |
|      | 410-10873 | Terminal Box side panel (AVR/PFC RHS) (EU Machine Dir.) | 1   |
|      | 410-10788 | Terminal Box side panel (Glandplate)                    | 2   |
| 19   | 450-16417 | AVR Cover (EU Machine Dir. No mounting bracket) x 1     | 1   |
| 20   | 450-15254 | AVR Cover Plate From (21/07/02)                         | 1   |
| 21   | 45-0742   | AVR Mounting Bracket                                    | 1   |
|      |           |                                                         |     |
|      |           | Continued...                                            |     |

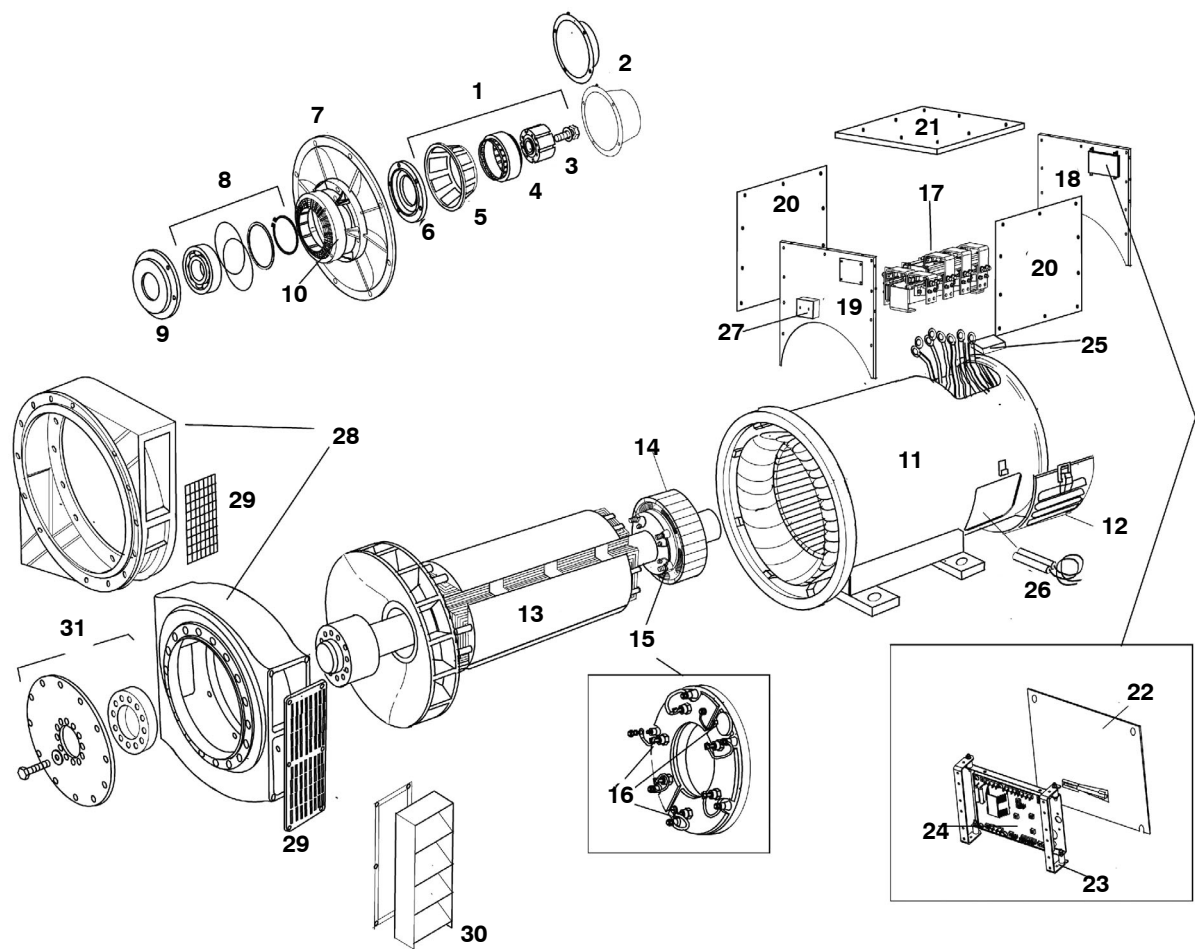
## S4G – 1 Bearing (Dedicated) (Continued)

| Item | Part No.      | Description                                             | Qty |
|------|---------------|---------------------------------------------------------|-----|
| 22   | E000-23412/1P | AVR MX341 (Standard Series 3)                           | 1   |
|      | E000-23408/1P | AVR MX341 UL                                            | 1   |
|      | E000-24403/1P | AVR AS440 (Standard Series 4)                           | 1   |
|      | E000-24408/1P | AVR AS440 UL Approved                                   | 1   |
|      | E000-23212/1P | AVR MX321                                               | 1   |
|      | E000-23215/1P | AVR MX321 UL                                            | 1   |
|      | A062Y338      | AVR MX322                                               | 1   |
|      | A060B914      | AVR DECS-150                                            | 1   |
| 23   | 450-15489     | Auxiliary Terminal Board                                | 2   |
| 24   | 45-0373       | Heater 110-125 Volt                                     | 1   |
|      | A053M957      | Heater 110-125 Volt UL Cert.                            | 1   |
|      | A051Y935      | Heater Kit 110-125V to Incl Term Box for Retro          | 1   |
|      | A053X245      | Heater Kit 110-125V to Incl Term Box for Retro UL Cert. | 1   |
|      | 45-0374       | Heater 220-260 Volt                                     | 1   |
|      | A053M965      | Heater 220-260 Volt UL Cert.                            | 1   |
|      | A040G610      | Heater 220-260V to Incl Term Box for Retro              | 1   |
|      | A053X247      | Heater 220-260V to Incl Term Box for Retro UL Cert.     | 1   |
| 25   | 45-0024       | Terminal Box for Heaters                                | 1   |
| 26   | A056B802      | DE Adapter Kit (SAE 1)                                  | 1   |
|      | A056N655      | DE Adapter Kit (SAE 0.5)                                | 1   |
| 27   | A055L792      | DE Screen (Included in Adapter Kits)                    | 2   |
| 28   | A054U637      | DE Screen (Included in Adapter Kits)                    | 2   |
| 29   | 45-0776       | Coupling Kit SAE 11.5                                   | 1   |
|      | 45-0777       | Coupling Kit SAE 14                                     | 1   |
|      | 45-0778       | Coupling Kit SAE 18                                     | 1   |
|      | 45-0779       | Coupling Kit SAE 17.75                                  | 1   |
| 30   | A056D894      | Brkt, Foot, F4                                          | 1   |
|      | A056V555      | Bar, Foot, F4                                           | 2   |
|      | A056V557      | Bar, Foot, F4                                           | 2   |



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HC534C to F – 1 Bearing Ser 3 & 4



## HC534C to F – 1 Bearing Ser 3 & 4

| Item | Part No.  | Description                                                                 | Qty |
|------|-----------|-----------------------------------------------------------------------------|-----|
| 1    | 45-0059A  | Complete PMG upfit kit (to 18/08/00) (Obsolete)                             | 1   |
|      | 45-0328A  | Complete PMG upfit kit                                                      | 1   |
| 2    | 450-13350 | PMG Cover only included in Kit 45-0059A                                     | 1   |
|      | 410-10704 | PMG Cover only included in Kit 45-0328A                                     | 1   |
|      | 450-12590 | NON PMG Cover (to 18/08/00)                                                 | 1   |
|      | 410-10705 | NON PMG Cover(from 18/08/00)                                                | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                                         | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                                         | 1   |
| 5    | See No. 1 | PMG Crown (if fitted)                                                       | 1   |
| 6    | 410-10268 | NDE Bearing cap to (30/09/00)                                               | 1   |
|      | 520-10812 | NDE Bearing cap (regreaseable brg)                                          | 1   |
| 7    | 520-10306 | NDE Bracket to (30/09/00)                                                   | 1   |
|      | 520-10810 | NDE Bracket (regreaseable brg)                                              | 1   |
|      | 520-10780 | NDE Bracket from (30/09/00)                                                 | 1   |
| 8    | 45-0291   | NDE Bearing Kit (Sealed) to (30/09/00)                                      | 1   |
|      | 45-0320   | NDE Bearing Kit (Sealed) from (30/09/00)                                    | 1   |
|      | 45-1099   | NDE Regrease bearing kit                                                    | 1   |
| 9    | 458-12960 | NDE Bearing cartridge to (20/09/2000)                                       | 1   |
|      | 520-10811 | NDE Bearing cartridge from (20/09/2000)                                     | 1   |
| 10   | 410-1052  | Exciter stator 50mm                                                         | 1   |
|      | 520-10286 | Exciter stator 65mm                                                         | 1   |
|      | A052D639  | Exciter stator 50mm Severe Environmental                                    | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                                    | 1   |
| 11   | QMSN      | Main stator frame assy                                                      | 1   |
| 12   | 462-20100 | NDE Air inlet cover (louvred)                                               | 1   |
|      | 520-10933 | NDE air inlet cover (industrial)                                            | 1   |
| 13   | QMSN      | Main rotor assy                                                             | 1   |
| 14   | 462-23400 | Exciter rotor 50mm (No longer available)                                    | 1   |
|      | 520-10305 | Exciter rotor 65mm to fit internal bore diameter 98mm (no longer available) | 1   |
|      | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm                      | 1   |
| 15   | 450-16016 | Rotating rectifier assy                                                     | 1   |
| 16   | RSK-5001  | Diode fwd/rev & varistor kit                                                | 1   |
| 17   | QMSN      | Main terminal board                                                         | 1   |

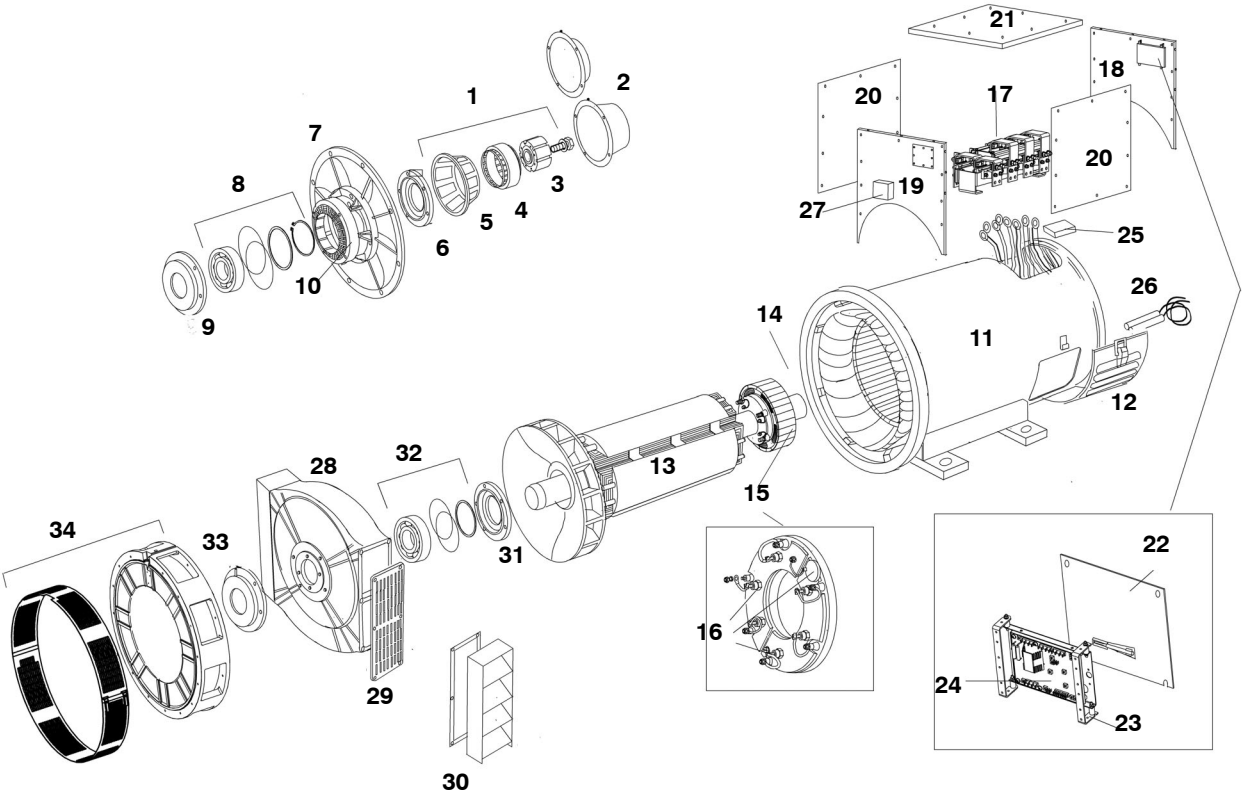
## HC534C to F – 1 Bearing Ser 3 &4 (Continued)

| Item | Part No.  | Description                                                          | Qty |
|------|-----------|----------------------------------------------------------------------|-----|
| 18   | 520-10153 | Terminal box end panel NDE to (08/1998)                              | 1   |
|      | 520-10534 | Terminal box end panel NDE to (19/09/1998)                           | 1   |
|      | 520-10907 | Terminal box end panel NDE from (20/09/1998)                         | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                         | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                           | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.)         | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                                | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)              | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                        | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                             | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)           | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                           | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                                | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)              | 1   |
| 19   | 520-10181 | Terminal box end panel DEto (08/1998)                                | 1   |
|      | 520-10906 | Terminal box end panel DE from (08/1998)                             | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)                     | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                            | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)          | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                            | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                                 | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)               | 1   |
| 20   | 462-11880 | Terminal box side panel to (08/1998)                                 | 2   |
|      | 520-10908 | Terminal box side panel from (08/1998)                               | 2   |
|      | 520-10909 | Terminal box side panel (Airfilters) from (08/1998)                  | 2   |
|      | 520-10921 | Terminal box side panel (Railway App)                                | 2   |
|      | 520-11031 | Terminal box side panel (Railway App) (EU Machine Dir.)              | 2   |
|      | 520-10912 | Terminal box side panel (pf control diff)                            | 1   |
|      | 520-11015 | Terminal box side panel (reconnectable/airfilters) (EU Machine Dir.) | 2   |
| 21   | 462-11840 | Terminal box lid to (08/1998)                                        | 1   |
|      | 520-10536 | Terminal box lid from (08/1998)                                      | 1   |
| 22   | 450-14310 | AVR Cover plate                                                      | 1   |
|      | 450-16417 | AVR Cover (EU Machine Dir. No mounting bracket) x 1                  | 1   |
|      | 450-16413 | AVR Plastic Cover (EU Machine Dir.)                                  | 1   |
| 23   | 45-0742   | AVR Mounting bracket                                                 | 1   |

## HC534C to F – 1 Bearing Ser 3 &4 (Continued)

| Item | Part No.      | Description                                            | Qty |
|------|---------------|--------------------------------------------------------|-----|
| 24   | E000-23412/1P | AVR MX341 (standard series 3)                          | 1   |
|      | E000-23408/1P | AVR MX341 UL                                           | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                          | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                  | 1   |
|      | E000-23212/1P | AVR MX321                                              | 1   |
|      | E000-23215/1P | AVR MX321 UL                                           | 1   |
|      | E000-24210/1P | AVR SX421                                              | 1   |
|      | A062Y338      | AVR MX322                                              | 1   |
|      | A060B914      | AVR DECS-150                                           | 1   |
| 25   | 450-15489     | Auxiliary terminal board                               | 2   |
| 26   | 45-0073       | Heater 110-125 volt                                    | 1   |
|      | A053M968      | Heater 110-125 volt UL Cert                            | 1   |
|      | A040G624      | Heater Kit 110-125v to incl term box for retro         | 1   |
|      | A053X252      | Heater Kit 110-125v to incl term box for retro UL Cert | 1   |
|      | 45-0074       | Heater 220-260 volt                                    | 1   |
|      | A053N002      | Heater 220-260 volt UL Cert                            | 1   |
|      | A040G620      | Heater Kit 220-260v to incl term box for retro         | 1   |
|      | A053X255      | Heater Kit 220-260v to incl term box for retro UL Cert | 1   |
| 27   | 45-0024       | Terminal box for heaters                               | 1   |
| 28   | 45-0667       | DE Adaptor Kit SAE 0                                   | 1   |
|      | A051Y674      | DE Adaptor Kit (SAE 0 round/heavy duty)                | 1   |
|      | 45-0666       | DE Adaptor Kit SAE 00                                  | 1   |
|      | 45-0668       | DE Adaptor Kit SAE 0.5                                 | 1   |
|      | 45-0669       | DE Adaptor Kit SAE 1                                   | 1   |
|      | 45-0917       | DE Adaptor Kit (SAE 1 round/heavy duty)                | 1   |
|      | 45-0802       | DE Adaptor Kit (SAE 1 round)                           | 1   |
| 29   | See No. 28    | DE Screen (Included in Adaptor Kits)                   | 2   |
| 30   | 45-0655       | DE Louvre SAE 0 & 0.5 & 1                              | 1   |
|      | 45-0654       | DE Louvre SAE -00                                      | 1   |
| 31   | 45-0780       | Coupling Kit SAE 14                                    | 1   |
|      | 45-0781       | Coupling Kit SAE 18                                    | 1   |
|      | 45-0783       | Coupling Kit SAE 17.75                                 | 1   |
|      | 45-0782       | Coupling Kit SAE 21                                    | 1   |

HC534C to F – 2 Bearing Ser 3 & 4



## HC534C to F – 2 Bearing Ser 3 & 4

| Item | Part No.  | Description                                                                 | Qty |
|------|-----------|-----------------------------------------------------------------------------|-----|
| 1    | 45-0060A  | Complete PMG upfit kit (to 18/08/00) obsolete                               | 1   |
|      | 45-0328A  | Complete PMG upfit kit                                                      | 1   |
| 2    | 450-13350 | PMG Cover only included in Kit 45-0059A                                     | 1   |
|      | 410-10704 | PMG Cover only included in Kit 45-0328A                                     | 1   |
|      | 450-12590 | NON PMG Cover (to 18/08/00)                                                 | 1   |
|      | 410-10705 | NON PMG Cover (from 18/08/00)                                               | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                                         | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                                         | 1   |
| 5    | See No. 1 | PMG Crown (if fitted)                                                       | 1   |
| 6    | 410-10267 | NDE Bearing cap to (30/09/00)                                               | 1   |
|      | 520-10812 | NDE Bearing cap (regreaseable brg)                                          | 1   |
| 7    | 520-10306 | NDE Bracket to (30/09/00)                                                   | 1   |
|      | 520-10780 | NDE Bracket from (30/09/00)                                                 | 1   |
|      | 520-10810 | NDE bracket (regreaseable brg)                                              | 1   |
| 8    | 45-0291   | NDE Bearing kit (Sealed) to (30/09/00)                                      | 1   |
|      | 45-0320   | NDE Bearing kit (Sealed) from (30/09/00)                                    | 1   |
|      | 45-1099   | NDE Bearing kit (regrease)                                                  | 1   |
| 9    | 458-10110 | NDE Bearing cartridge to (20/09/2000)                                       | 1   |
|      | 520-10811 | NDE Bearing cartridge from (20/09/2000)                                     | 1   |
| 10   | 410-1052  | Exciter stator 50mm                                                         | 1   |
|      | 520-10286 | Exciter stator 65mm                                                         | 1   |
|      | A052D639  | Exciter stator 50mm Severe Environmental                                    | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                                    | 1   |
| 11   | QMSN      | Main stator frame assy                                                      | 1   |
| 12   | 462-20100 | NDE air inlet cover (louvred)                                               | 1   |
|      | 520-10933 | NDE air inlet cover (industrial)                                            | 1   |
| 13   | QMSN      | Main rotor assy                                                             | 1   |
| 14   | 462-23400 | Exciter rotor 50mm (No longer available)                                    | 1   |
|      | 520-10305 | Exciter rotor 65mm to fit internal bore diameter 98mm (no longer available) | 1   |
|      | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm                      | 1   |
| 15   | 450-16016 | Rotating rectifier assy                                                     | 1   |
| 16   | RSK-5001  | Diode fwd/rev & varistor kit                                                | 1   |
| 17   | QMSN      | Main terminal board                                                         | 1   |

## HC534C to F – 2 Bearing Ser 3 & 4 (Continued)

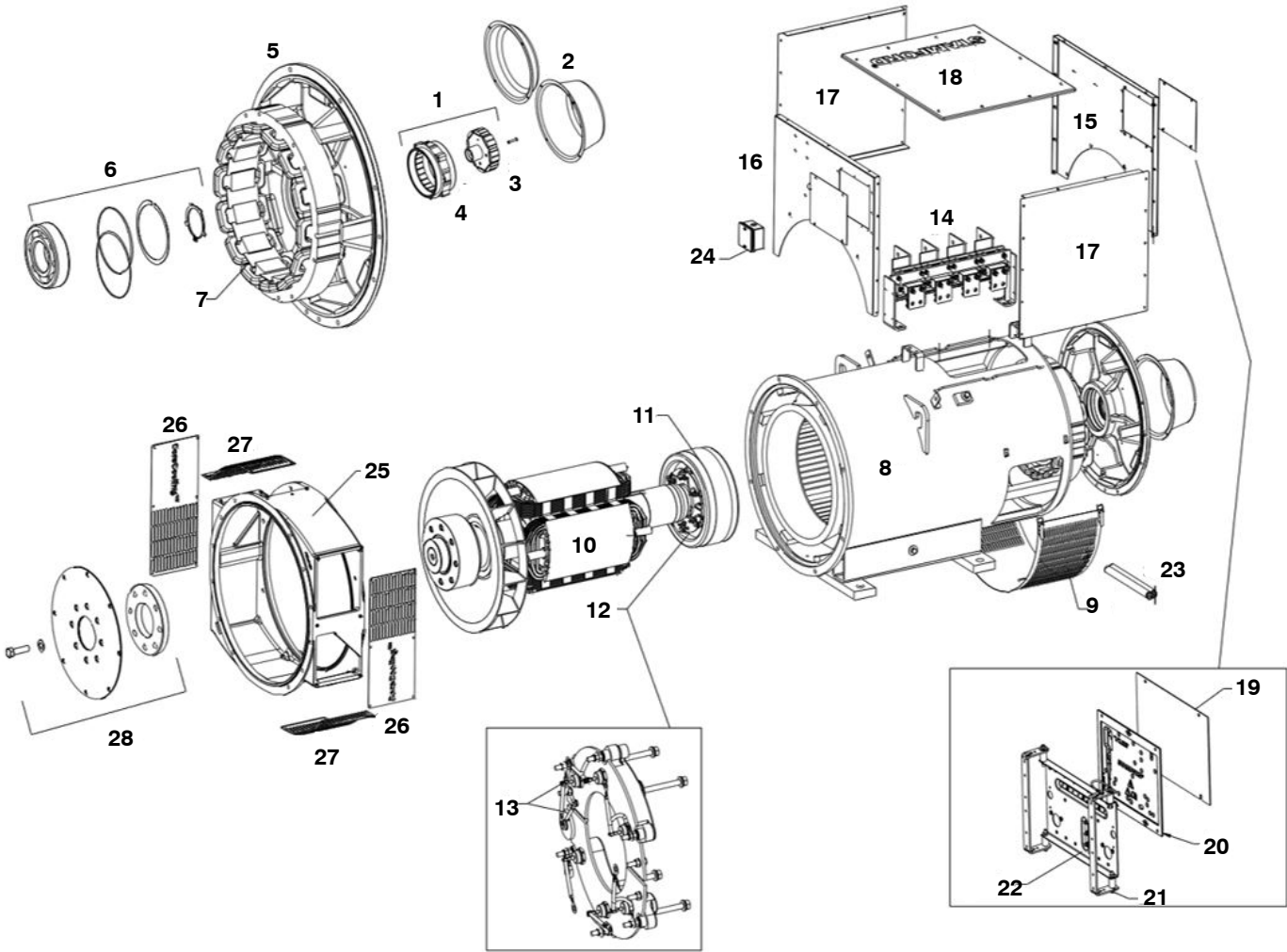
| Item | Part No.  | Description                                                          | Qty |
|------|-----------|----------------------------------------------------------------------|-----|
| 18   | 520-10153 | Terminal box end panel NDE to (08/1998)                              | 1   |
|      | 520-10534 | Terminal box end panel NDE to (19/09/1998)                           | 1   |
|      | 520-10907 | Terminal box end panel NDE from (20/09/1998)                         | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                         | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                           | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.)         | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                                | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)              | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                        | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                             | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)           | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                           | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                                | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)              | 1   |
| 19   | 520-10181 | Terminal box end panel DEto (08/1998)                                | 1   |
|      | 520-10906 | Terminal box end panel DE from (08/1998)                             | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)                     | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                            | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)          | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                            | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                                 | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)               | 1   |
| 20   | 462-11880 | Terminal box side panel to (08/1998)                                 | 2   |
|      | 520-10908 | Terminal box side panel from (08/1998)                               | 2   |
|      | 520-10909 | Terminal box side panel (Airfilters) from (08/1998)                  | 2   |
|      | 520-10921 | Terminal box side panel (Railway App)                                | 2   |
|      | 520-11031 | Terminal box side panel (Railway App) (EU Machine Dir.)              | 2   |
|      | 520-10912 | Terminal box side panel (pf control diff)                            | 1   |
|      | 520-11015 | Terminal box side panel (reconnectable/airfilters) (EU Machine Dir.) | 2   |
| 21   | 462-11840 | Terminal box lid to (08/1998)                                        | 1   |
|      | 520-10536 | Terminal box lid from (08/1998)                                      | 1   |
| 22   | 450-14310 | AVR Cover plate                                                      | 1   |
|      | 450-16417 | AVR Cover (EU Machine Dir. No mounting bracket) x 1                  | 1   |
|      | 450-16413 | AVR Plastic Cover (EU Machine Dir.)                                  | 1   |
| 23   | 45-0742   | AVR Mounting bracket                                                 | 1   |



## HC534C to F – 2 Bearing Ser 3 & 4 (Continued)

| Item | Part No.       | Description                                            | Qty |
|------|----------------|--------------------------------------------------------|-----|
| 24   | E000-23412/1P  | AVR MX341 (standard series 3)                          | 1   |
|      | E000-23408/1P  | AVR MX341 UL                                           | 1   |
|      | E000-24403/1P  | AVR AS440 (standard series 4)                          | 1   |
|      | E000-24408/1P  | AVR AS440 UL approved                                  | 1   |
|      | E000-23212/1P  | AVR MX321                                              | 1   |
|      | E000-23215/1P  | AVR MX321 UL                                           | 1   |
|      | E000-24210/1P  | AVR SX421                                              | 1   |
|      | A062Y338       | AVR MX322                                              | 1   |
|      | A060B914       | AVR DECS-150                                           | 1   |
| 25   | 450-15489      | Auxiliary terminal board                               | 2   |
| 26   | 45-0073        | Heater 110-125 volt                                    | 1   |
|      | A053M968       | Heater 110-125 volt UL Cert                            | 1   |
|      | A040G624       | Heater kit 110-125v to incl term box for retro         | 1   |
|      | A053X252       | Heater kit 110-125v to incl term box for retro UL Cert | 1   |
|      | 45-0074        | Heater 220-260 volt                                    | 1   |
|      | A053N002       | Heater 220-260 volt UL Cert                            | 1   |
|      | A040G620       | Heater kit 220-260v to incl term box for retro         | 1   |
|      | A053X255       | Heater kit 220-260v to incl term box for retro UL Cert | 1   |
| 27   | 45-0024        | Terminal box for heaters                               | 1   |
| 28   | 462-11170      | DE Bracket to (29/09/2000)                             | 1   |
|      | 520-10557      | DE Bracket from (29/09/2000)                           | 1   |
| 29   | 462-10260      | DE Bracket screen                                      | 2   |
| 30   | 45-0656        | DE Louvre Kit                                          | 2   |
| 31   | 462-10130      | DE Bearing cartridge to (30/09/2000)                   | 1   |
|      | 520-10776      | DE Bearing cartridge from (30/09/2000)                 | 1   |
|      | 520-10816      | DE Bearing cartridge (regrease)                        | 1   |
| 32   | 45-0292        | DE Bearing kit (Sealed) to (30/09/2000)                | 1   |
|      | 45-0321        | DE Bearing kit (Sealed) from (30/09/2000)              | 1   |
|      | 45-1100        | DE Bearing kit (regrease)                              | 1   |
| 33   | 520-10333      | DE Bearing cap outer to (30/09/2000)                   | 1   |
|      | 520-10778      | DE Bearing cap outer from (30/09/2000)                 | 1   |
|      | 520-10818      | DE Bearing cap (regrease)                              | 1   |
| 34   | 45-0679        | 2 Brg Adaptor kit SAE 0                                | 1   |
|      | 45-0932        | 2 Brg Adaptor kit SAE 0 DIN                            | 1   |
|      | 45-0680        | 2 Brg Adaptor kit SAE 0.5                              | 1   |
|      | 45-0681        | 2 Brg Adaptor kit SAE 1                                | 1   |
|      | 45-0808        | 2 Brg Adaptor kit SAE 1 DIN                            | 1   |
|      | 45-0678        | 2 Brg Adaptor kit SAE 00                               | 1   |
| 35   | Included in 34 | DE Cover Screen (Included in Kits)                     | 1   |
|      |                | <b>NOTE:- Regrease option is not retrofittable</b>     |     |

S5 C to F – 1 Bearing (Dedicated)



## S5 C to F – 1 Bearing (Dedicated)

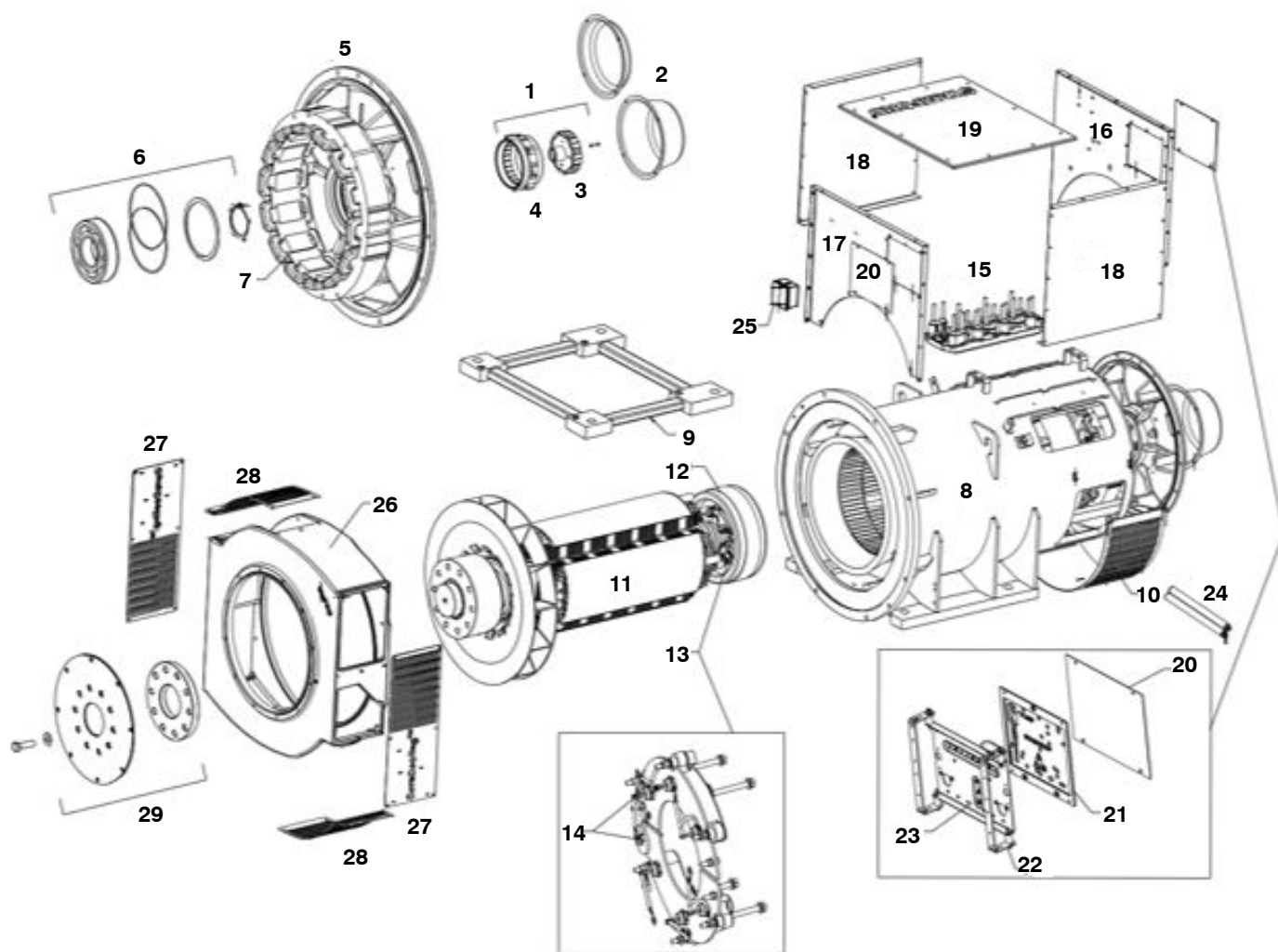
| Item | Part No.  | Description                                                  | Qty |
|------|-----------|--------------------------------------------------------------|-----|
| 1    | 45-0328A  | Complete PMG upfit Kit                                       | 1   |
| 2    | 410-10704 | PMG Cover only included in Kit 45-0328A                      | 1   |
|      | 410-10705 | NON PMG Cover (from 18/08/00)                                |     |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 5    | 520-10780 | NDE Bracket from (30/09/00)                                  | 1   |
| 6    | 45-0320   | NDE Bearing Kit (Sealed) from (30/09/00)                     | 1   |
| 7    | 520-10286 | Exciter stator 65mm                                          | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                     | 1   |
| 8    | QMSN      | Main stator frame assy                                       | 1   |
| 9    | 520-10933 | NDE air inlet cover (industrial)                             | 1   |
| 10   | QMSN      | Main rotor assy                                              | 1   |
| 11   | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm       | 1   |
| 12   | 450-16016 | Rotating rectifier assy                                      | 1   |
| 13   | RSK-5001  | Diode fwd/rev & varistor kit                                 | 1   |
| 14   | QMSN      | Main terminal board                                          | 1   |
| 15   | 520-10907 | Terminal box end panel NDE from (20/09/1998)                 | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                 | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                   | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.) | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                        | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)      | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                     | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)   | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                   | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                        | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)      | 1   |
| 16   | 520-10906 | Terminal box end panel DE from (08/1998)                     | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)             | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                    | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)  | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                    | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                         | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)       | 1   |
|      |           |                                                              |     |
|      |           | Continued...                                                 |     |

## S5 C–F – 1 Bearing (Dedicated) (Continued)

| Item | Part No.      | Description                                                          | Qty |
|------|---------------|----------------------------------------------------------------------|-----|
| 17   | 520-10908     | Terminal box side panel from (08/1998)                               | 2   |
|      | 520-10909     | Terminal box side panel (Airfilters) from (08/1998)                  | 2   |
|      | 520-10921     | Terminal box side panel (Railway App)                                | 2   |
|      | 520-11031     | Terminal box side panel (Railway App) (EU Machine Dir.)              | 2   |
|      | 520-10912     | Terminal box side panel (pf control diff)                            | 1   |
|      | 520-11015     | Terminal box side panel (reconnectable/airfilters) (EU Machine Dir.) | 2   |
| 18   | 520-10536     | Terminal box lid from (08/1998)                                      | 1   |
| 19   | 450-16414     | AVR Cover (Where AVR fitted)                                         | 1   |
|      | 450-16417     | AVR Cover (Where AVR not fitted)                                     | 1   |
| 20   | 450-16413     | AVR Cover (Where AVR fitted)                                         | 1   |
| 21   | 450-16414     | AVR Plastic Cover (EU Machine Dir.)                                  | 1   |
| 22   | E000-23412/1P | AVR MX341 (standard series 3)                                        | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                         | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                                        | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                                | 1   |
|      | E000-23212/1P | AVR MX321                                                            | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                         | 1   |
|      | A062Y338      | AVR MX322                                                            | 1   |
|      | A060B914      | AVR DECS-150                                                         | 1   |
| 23   | 45-0073       | Heater 110-125V                                                      | 1   |
|      | A053M968      | Heater 110-125V UL Cert                                              | 1   |
|      | A040G624      | Heater Kit 110-125V to incl term box for retro                       | 1   |
|      | A053X252      | Heater Kit 110-125V to incl term box for retro UL Cert               | 1   |
|      | 45-0074       | Heater 220-260V                                                      | 1   |
|      | A053N002      | Heater 220-260V UL Cert                                              | 1   |
|      | A040G620      | Heater Kit 220-260V to incl term box for retro                       | 1   |
|      | A053X255      | Heater Kit 220-260V to incl term box for retro UL Cert               | 1   |
| 24   | 45-0024       | Terminal box for heaters                                             | 1   |
| 25   | A062E101      | Adaptor SAE0 KIT (S5 Dedicated C–F)                                  | 1   |
|      | A062E113      | Adaptor SAE0.5 KIT (S5 Dedicated C–F)                                | 1   |
|      | A062E117      | Adaptor SAE1 KIT (S5 Dedicated C–F)                                  | 1   |
|      | A062E120      | Adaptor SAE1 KIT (S5 Dedicated F)                                    | 1   |
| 26   | A060M586      | DE Side Screen (Included in Adaptor Kits)                            | 2   |
| 27   | A056F129      | DE Top and Bottom Screen (Included in Adaptor Kits)                  | 2   |
| 28   | 45-0780       | Coupling Kit SAE 14                                                  | 1   |
|      | 45-0781       | Coupling Kit SAE 18                                                  | 1   |
|      | 45-0783       | Coupling Kit SAE 17.75                                               | 1   |
|      | 45-0782       | Coupling Kit SAE 21                                                  | 1   |

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## S5 G/H – 1 Bearing (Dedicated)



## S5 G to H – 1 Bearing (Dedicated)

| Item | Part No.  | Description                                                  | Qty |
|------|-----------|--------------------------------------------------------------|-----|
| 1    | 45-0328A  | Complete PMG upfit Kit                                       | 1   |
| 2    | 410-10704 | PMG Cover only included in Kit 45-0328A                      | 1   |
|      | 410-10705 | NON PMG Cover (from 18/08/00)                                |     |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 5    | 520-10780 | NDE Bracket from (30/09/00)                                  | 1   |
| 6    | 45-0320   | NDE Bearing Kit (Sealed) from (30/09/00)                     | 1   |
| 7    | 520-10286 | Exciter stator 65mm                                          | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                     | 1   |
| 8    | QMSN      | Main stator frame assy                                       | 1   |
| 9    | A058G732  | Foot Spacer                                                  | 1   |
| 10   | 520-10933 | NDE air inlet cover (industrial)                             | 1   |
| 11   | QMSN      | Main rotor assy                                              | 1   |
| 12   | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm       | 1   |
| 13   | 450-16016 | Rotating rectifier assy                                      | 1   |
| 14   | RSK-5001  | Diode fwd/rev & varistor kit                                 | 1   |
| 15   | QMSN      | Main terminal board                                          | 1   |
| 16   | 520-10907 | Terminal box end panel NDE from (20/09/1998)                 | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                 | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                   | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.) | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                        | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)      | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                     | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)   | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                   | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                        | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)      | 1   |
| 17   | 520-10906 | Terminal box end panel DE from (08/1998)                     | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)             | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                    | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)  | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                    | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                         | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)       | 1   |
|      |           |                                                              |     |
|      |           | <b>Continued...</b>                                          |     |

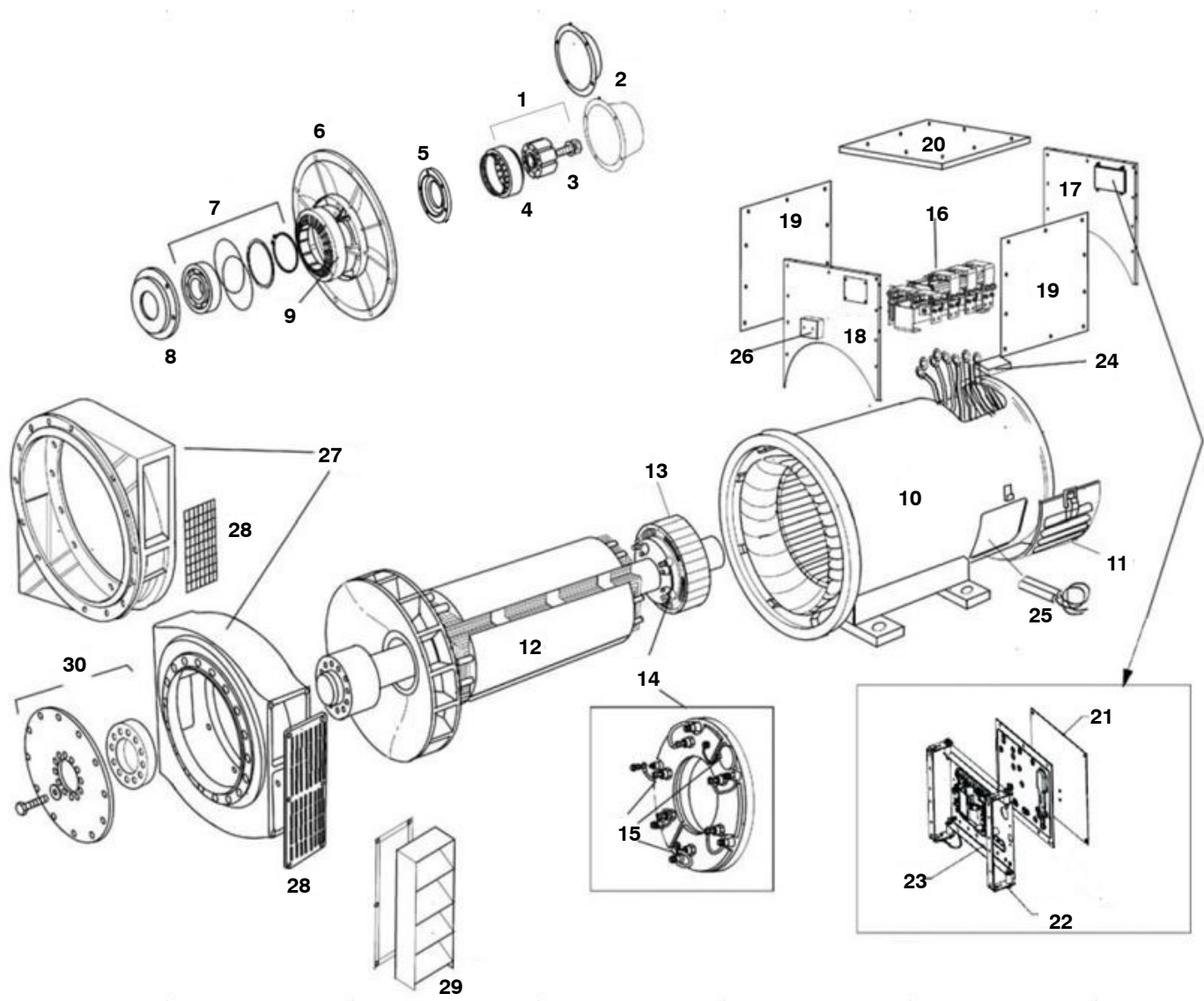
## S5 G to H – 1 Bearing (Dedicated) (Continued)

| Item | Part No.      | Description                                            | Qty |
|------|---------------|--------------------------------------------------------|-----|
| 18   | A059B265      | Terminal box side panel for S5 G/H                     | 2   |
| 19   | 520-10536     | Terminal box lid from (08/1998)                        | 1   |
| 20   | 450-16414     | AVR Cover (Where AVR fitted)                           | 1   |
|      | 450-16417     | AVR Cover (Where AVR not fitted)                       | 1   |
| 21   | 450-16413     | AVR Cover (Where AVR fitted)                           | 1   |
| 22   | 45-0742       | AVR Plastic Cover (EU Machine Dir.)                    | 1   |
| 23   | E000-23412/1P | AVR MX341 (standard series 3)                          | 1   |
|      | E000-23408/1P | AVR MX341 UL                                           | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                          | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                  | 1   |
|      | E000-23212/1P | AVR MX321                                              | 1   |
|      | E000-23215/1P | AVR MX321 UL                                           | 1   |
|      | A062Y338      | AVR MX322                                              | 1   |
|      | A060B914      | AVR DECS-150                                           | 1   |
| 24   | 45-0073       | Heater 110-125V                                        | 1   |
|      | A053M968      | Heater 110-125V UL Cert                                | 1   |
|      | A040G624      | Heater Kit 110-125V to incl term box for retro         | 1   |
|      | A053X252      | Heater Kit 110-125V to incl term box for retro UL Cert | 1   |
|      | 45-0074       | Heater 220-260V                                        | 1   |
|      | A053N002      | Heater 220-260V UL Cert                                | 1   |
|      | A040G620      | Heater Kit 220-260V to incl term box for retro         | 1   |
|      | A053X255      | Heater Kit 220-260V to incl term box for retro UL Cert | 1   |
| 25   | 45-0024       | Terminal box for heaters                               | 1   |
| 26   | A062E122      | Adaptor SAE 0 KIT (S5 Dedicated G/H)                   | 1   |
|      | A062E124      | Adaptor SAE 0.5 KIT (S5 Dedicated G/H)                 | 1   |
|      | A062E130      | Adaptor SAE 1 KIT (S5 Dedicated G/H)                   | 1   |
| 27   | A061U440      | DE Side Screen (Included in Adaptor Kits)              | 2   |
| 28   | A056G699      | DE Top and Bottom Screen (Included in Adaptor Kits)    | 2   |
| 29   | A057L700      | Coupling Disk SAE 14 KIT                               | 1   |
|      | A057L703      | Coupling Disk SAE 18 KIT                               | 1   |



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S5 C to F – 1 Bearing



## S5 C to F – 1 Bearing

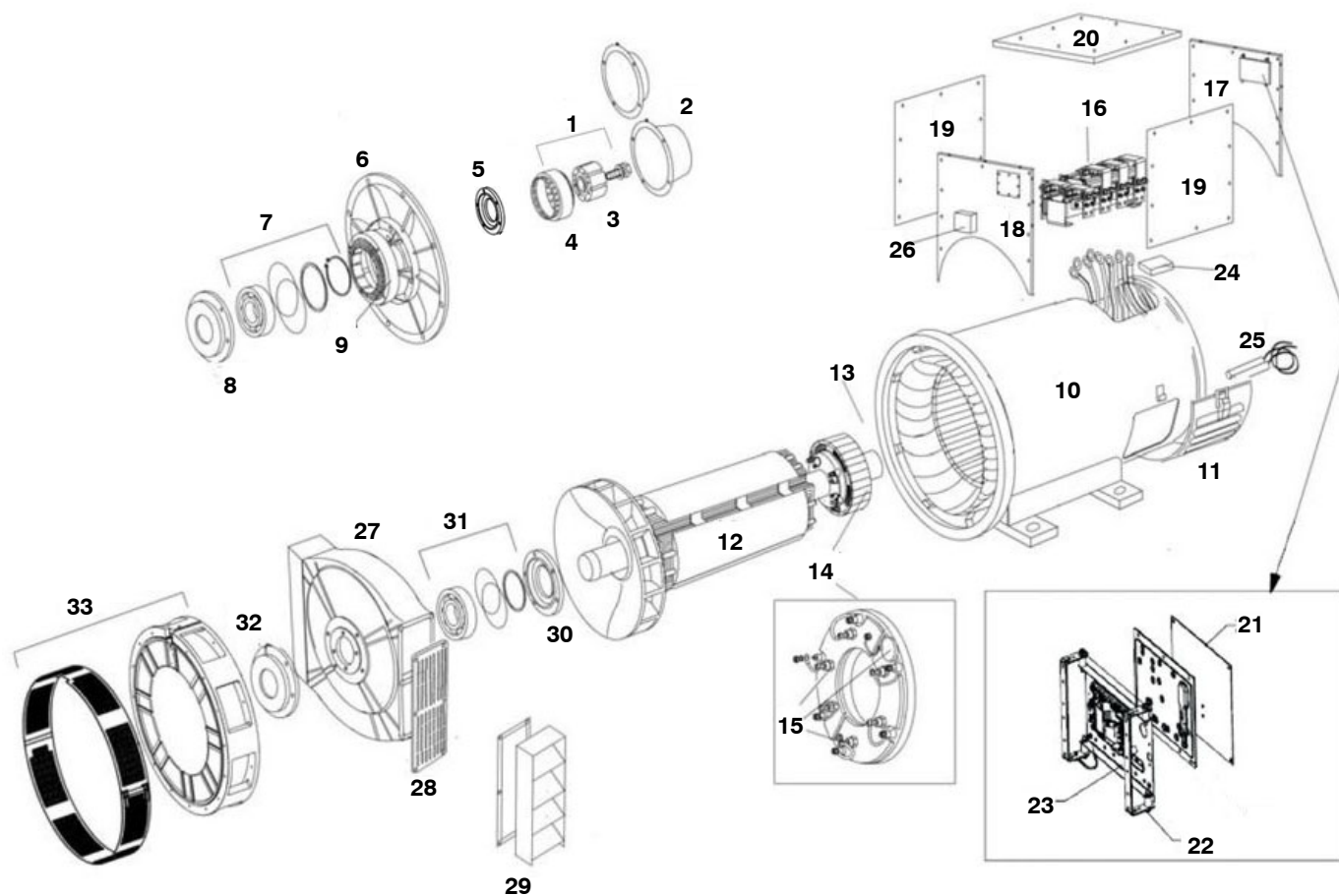
| Item | Part No.  | Description                                                  | Qty |
|------|-----------|--------------------------------------------------------------|-----|
| 1    | 45-0328A  | Complete PMG upfit kit                                       | 1   |
| 2    | 410-10704 | PMG Cover only included in Kit 45-0328A                      | 1   |
|      | 410-10705 | NON PMG Cover(from 18/08/00)                                 | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 5    | 520-10812 | NDE Bearing cap (regreaseable brg)                           | 1   |
| 6    | 520-10810 | NDE Bracket (regreaseable brg)                               | 1   |
| 7    | 45-0320   | NDE Bearing Kit (Sealed) from (30/09/00)                     | 1   |
|      | 45-1099   | NDE Regrease bearing kit                                     | 1   |
| 8    | 520-10811 | NDE Bearing cartridge from (20/09/2000)                      | 1   |
| 9    | 520-10286 | Exciter stator 65mm                                          | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                     | 1   |
| 10   | QMSN      | Main stator frame assy                                       | 1   |
| 11   | 462-20100 | NDE Air inlet cover (louvred)                                | 1   |
|      | 520-10933 | NDE air inlet cover (industrial)                             | 1   |
| 12   | QMSN      | Main rotor assy                                              | 1   |
| 13   | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm       | 1   |
| 14   | 450-16016 | Rotating rectifier assy                                      | 1   |
| 15   | RSK-5001  | Diode fwd/rev & varistor kit                                 | 1   |
| 16   | QMSN      | Main terminal board                                          | 1   |
| 17   | 520-10907 | Terminal box end panel NDE from (20/09/1998)                 | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                 | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                   | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.) | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                        | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)      | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                     | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)   | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                   | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                        | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)      | 1   |
| 18   | 520-10906 | Terminal box end panel DE from (08/1998)                     | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)             | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                    | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)  | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                    | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                         | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)       | 1   |
|      |           |                                                              |     |
|      |           | <b>Continued...</b>                                          |     |

## S5 C to F – 1 Bearing (Continued)

| Item | Part No.      | Description                                                          | Qty |
|------|---------------|----------------------------------------------------------------------|-----|
| 19   | 520-10908     | Terminal box side panel from (08/1998)                               | 2   |
|      | 520-10909     | Terminal box side panel (Airfilters) from (08/1998)                  | 2   |
|      | 520-10921     | Terminal box side panel (Railway App)                                | 2   |
|      | 520-11031     | Terminal box side panel (Railway App) (EU Machine Dir.)              | 2   |
|      | 520-10912     | Terminal box side panel (pf control diff)                            | 1   |
|      | 520-11015     | Terminal box side panel (reconnectable/airfilters) (EU Machine Dir.) | 2   |
| 20   | 520-10536     | Terminal box lid from (08/1998)                                      | 1   |
| 21   | 450-14310     | AVR Cover plate                                                      | 1   |
|      | 450-16417     | AVR Cover (EU Machine Dir. No mounting bracket) x 1                  | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                  | 1   |
| 22   | 45-0742       | AVR Mounting bracket                                                 | 1   |
| 23   | E000-23412/1P | AVR MX341 (standard series 3)                                        | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                         | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                                        | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                                | 1   |
|      | E000-23212/1P | AVR MX321                                                            | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                         | 1   |
|      | A062Y338      | AVR MX322                                                            | 1   |
|      | A060B914      | AVR DECS-150                                                         | 1   |
| 24   | 450-15489     | Auxiliary terminal board                                             | 2   |
| 25   | 45-0073       | Heater 110-125V                                                      | 1   |
|      | A053M968      | Heater 110-125V UL Cert                                              | 1   |
|      | A040G624      | Heater Kit 110-125V to incl term box for retro                       | 1   |
|      | A053X252      | Heater Kit 110-125V to incl term box for retro UL Cert               | 1   |
|      | 45-0074       | Heater 220-260V                                                      | 1   |
|      | A053N002      | Heater 220-260V UL Cert                                              | 1   |
|      | A040G620      | Heater Kit 220-260V to incl term box for retro                       | 1   |
|      | A053X255      | Heater Kit 220-260V to incl term box for retro UL Cert               | 1   |
| 26   | 45-0024       | Terminal box for heaters                                             | 1   |
| 27   | 45-0667       | DE Adaptor Kit SAE 0                                                 | 1   |
|      | A051Y674      | DE Adaptor Kit (SAE 0 round/heavy duty)                              | 1   |
|      | 45-0666       | DE Adaptor Kit SAE 00                                                | 1   |
|      | 45-0668       | DE Adaptor Kit SAE 0.5                                               | 1   |
|      | 45-0669       | DE Adaptor Kit SAE 1                                                 | 1   |
|      | 45-0917       | DE Adaptor Kit (SAE 1 round/heavy duty)                              | 1   |
|      | 45-0802       | DE Adaptor Kit (SAE 1 round)                                         | 1   |
| 28   | See No. 27    | DE Screen (Included in Adaptor Kits)                                 | 2   |
| 29   | 45-0655       | DE Louvre SAE 0 & 0.5 & 1                                            | 1   |
|      | 45-0654       | DE Louvre SAE -00                                                    | 1   |
| 30   | 45-0780       | Coupling Kit SAE 14                                                  | 1   |
|      | 45-0781       | Coupling Kit SAE 18                                                  | 1   |
|      | 45-0783       | Coupling Kit SAE 17.75                                               | 1   |
|      | 45-0782       | Coupling Kit SAE 21                                                  | 1   |

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## S5 C to F – 2 Bearing



## S5 C to F – 2 Bearing

| Item | Part No.  | Description                                                  | Qty |
|------|-----------|--------------------------------------------------------------|-----|
| 1    | 45-0328A  | Complete PMG upfit kit                                       | 1   |
| 2    | 410-10704 | PMG Cover only included in Kit 45-0328A                      | 1   |
|      | 410-10705 | NON PMG Cover(from 18/08/00)                                 | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                          | 1   |
| 5    | 520-10812 | NDE Bearing cap (regreaseable brg)                           | 1   |
| 6    | 520-10780 | NDE Bracket from (30/09/00)                                  | 1   |
|      | 520-10810 | NDE bracket (regreaseable brg)                               | 1   |
| 7    | 45-0320   | NDE Bearing Kit (Sealed) from (30/09/00)                     | 1   |
|      | 45-1099   | NDE Bearing kit (regrease)                                   | 1   |
| 8    | 520-10811 | NDE Bearing cartridge from (20/09/2000)                      | 1   |
| 9    | 520-10286 | Exciter stator 65mm                                          | 1   |
|      | A052D940  | Exciter stator 65mm Severe Environmental                     | 1   |
| 10   | QMSN      | Main stator frame assy                                       | 1   |
| 11   | 462-20100 | NDE Air inlet cover (louvred)                                | 1   |
|      | 520-10933 | NDE air inlet cover (industrial)                             | 1   |
| 12   | QMSN      | Main rotor assy                                              | 1   |
| 13   | 520-1142  | Exciter rotor 65mm to fit internal bore diameter 110mm       | 1   |
| 14   | 450-16016 | Rotating rectifier assy                                      | 1   |
| 15   | RSK-5001  | Diode fwd/rev & varistor kit                                 | 1   |
| 16   | QMSN      | Main terminal board                                          | 1   |
| 17   | 520-10907 | Terminal box end panel NDE from (20/09/1998)                 | 1   |
|      | 520-11026 | Terminal box end panel NDE (EU Machine Dir.)                 | 1   |
|      | 520-10911 | Terminal box end panel NDE (reverse entry)                   | 1   |
|      | 520-11028 | Terminal box end panel NDE (reverse entry) (EU Machine Dir.) | 1   |
|      | 520-10918 | Terminal box end panel NDE (pg gland)                        | 1   |
|      | 520-11032 | Terminal box end panel NDE (pg gland) (EU Machine Dir.)      | 1   |
|      | 520-10982 | Terminal box end panel NDE (To fit DM110 AVR)                | 1   |
|      | 520-10920 | Terminal box end panel NDE (Railway App)                     | 1   |
|      | 520-11033 | Terminal box end panel NDE (Railway App) (EU Machine Dir.)   | 1   |
|      | 520-10914 | Terminal box end panel NDE (reconnectable)                   | 1   |
|      | 520-10917 | Terminal box end panel NDE (High Box)                        | 1   |
|      | 520-11030 | Terminal box end panel NDE (High Box) (EU Machine Dir.)      | 1   |
| 18   | 520-10906 | Terminal box end panel DE from (08/1998)                     | 1   |
|      | 520-11025 | Terminal box end panel DE from (EU Machine Dir.)             | 1   |
|      | 520-10910 | Terminal box end panel DE (reverse entry)                    | 1   |
|      | 520-11027 | Terminal box end panel DE (reverse entry) (EU Machine Dir.)  | 1   |
|      | 520-10913 | Terminal box end panel DE (reconnectable)                    | 1   |
|      | 520-10916 | Terminal box end panel DE (High Box)                         | 1   |
|      | 520-11029 | Terminal box end panel DE (High Box) (EU Machine Dir.)       | 1   |
|      |           |                                                              |     |
|      |           | <b>Continued...</b>                                          |     |

## S5 C to F – 2 Bearing (Continued)

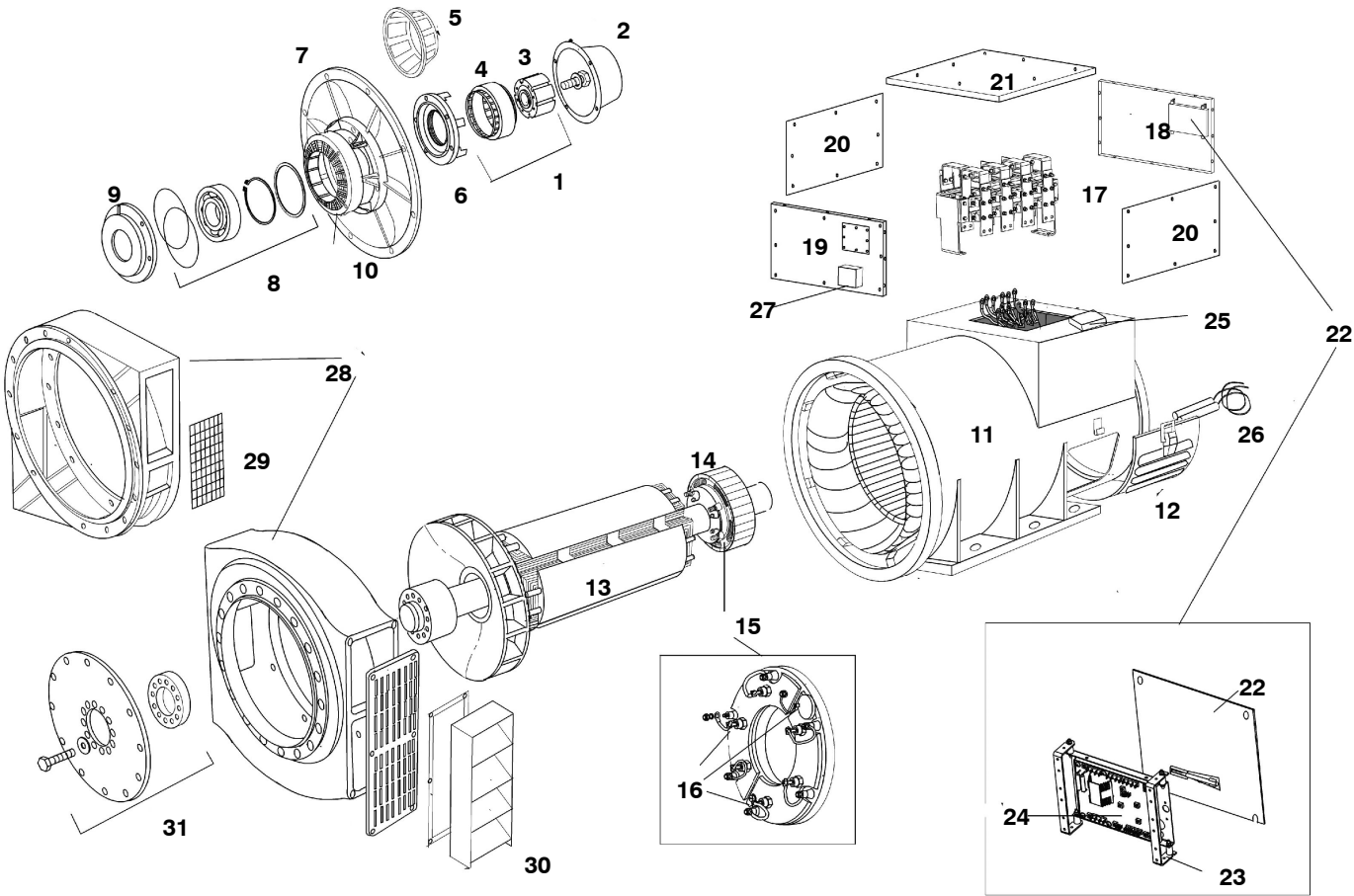
| Item | Part No.      | Description                                                          | Qty |
|------|---------------|----------------------------------------------------------------------|-----|
| 19   | 520-10908     | Terminal box side panel from (08/1998)                               | 2   |
|      | 520-10909     | Terminal box side panel (Airfilters) from (08/1998)                  | 2   |
|      | 520-10921     | Terminal box side panel (Railway App)                                | 2   |
|      | 520-11031     | Terminal box side panel (Railway App) (EU Machine Dir.)              | 2   |
|      | 520-10912     | Terminal box side panel (pf control diff)                            | 1   |
|      | 520-11015     | Terminal box side panel (reconnectable/airfilters) (EU Machine Dir.) | 2   |
| 20   | 520-10536     | Terminal box lid from (08/1998)                                      | 1   |
| 21   | 450-14310     | AVR Cover plate                                                      | 1   |
|      | 450-16417     | AVR Cover (EU Machine Dir. No mounting bracket) x 1                  | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                  | 1   |
| 22   | 45-0742       | AVR Mounting bracket                                                 | 1   |
| 23   | E000-23412/1P | AVR MX341 (standard series 3)                                        | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                         | 1   |
|      | E000-24403/1P | AVR AS440 (standard series 4)                                        | 1   |
|      | E000-24408/1P | AVR AS440 UL approved                                                | 1   |
|      | E000-23212/1P | AVR MX321                                                            | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                         | 1   |
|      | A062Y338      | AVR MX322                                                            | 1   |
|      | A060B914      | AVR DECS-150                                                         | 1   |
| 24   | 450-15489     | Auxiliary terminal board                                             | 2   |
| 25   | 45-0073       | Heater 110-125V                                                      | 1   |
|      | A053M968      | Heater 110-125V UL Cert                                              | 1   |
|      | A040G624      | Heater Kit 110-125V to incl term box for retro                       | 1   |
|      | A053X252      | Heater Kit 110-125V to incl term box for retro UL Cert               | 1   |
|      | 45-0074       | Heater 220-260V                                                      | 1   |
|      | A053N002      | Heater 220-260V UL Cert                                              | 1   |
|      | A040G620      | Heater Kit 220-260V to incl term box for retro                       | 1   |
|      | A053X255      | Heater Kit 220-260V to incl term box for retro UL Cert               | 1   |
| 26   | 45-0024       | Terminal box for heaters                                             | 1   |
| 27   | 462-11170     | DE Bracket to (29/09/2000)                                           | 1   |
|      | 520-10557     | DE Bracket from (29/09/2000)                                         | 1   |
| 28   | 462-10260     | DE Bracket screen                                                    | 2   |
| 29   | 45-0656       | DE Louvre Kit                                                        | 2   |
| 30   | 520-10776     | DE Bearing cartridge from (30/09/2000)                               | 1   |
|      | 520-10816     | DE Bearing cartridge (regrease)                                      | 1   |
| 31   | 45-0321       | DE Bearing kit (Sealed) from (30/09/2000)                            | 1   |
|      | 45-1100       | DE Bearing kit (regrease)                                            | 1   |
| 32   | 520-10778     | DE Bearing cap outer from (30/09/2000)                               | 1   |
|      | 520-10818     | DE Bearing cap (regrease)                                            | 1   |
|      |               |                                                                      |     |
|      |               | <b>Continued...</b>                                                  |     |



## S5 C to F – 2 Bearing (Continued)

| Item | Part No.       | Description                                        | Qty |
|------|----------------|----------------------------------------------------|-----|
| 33   | 45-0679        | 2 Brg Adaptor kit SAE 0                            | 1   |
|      | 45-0932        | 2 Brg Adaptor kit SAE 0 DIN                        | 1   |
|      | 45-0680        | 2 Brg Adaptor kit SAE 0.5                          | 1   |
|      | 45-0681        | 2 Brg Adaptor kit SAE 1                            | 1   |
|      | 45-0808        | 2 Brg Adaptor kit SAE 1 DIN                        | 1   |
|      | 45-0678        | 2 Brg Adaptor kit SAE 00                           | 1   |
| 34   | Included in 33 | DE Cover Screen (Included in Kits)                 | 1   |
|      |                |                                                    |     |
|      |                | <b>NOTE:- Regrease option is not retrofittable</b> |     |

HC634G to K – 1 Bearing (Ser 3)



## HC634G to K – 1 Bearing (Ser 3)

| Item | Part No.  | Description                                                               | Qty |
|------|-----------|---------------------------------------------------------------------------|-----|
| 1    | 45-0060A  | Complete PMG upfit kit to (10/05/01) (Obsolete)                           | 1   |
|      | 45-0341A  | Complete PMG upfit kit from (10/05/01)                                    | 1   |
| 2    | 760-10562 | PMG Cover (Cover included in above kit)                                   | 1   |
| 3    | 45-1082   | Current PMG Rotor/stator repair kit                                       | 1   |
| 4    | 45-1082   | Current PMG Rotor/stator repair kit                                       | 1   |
| 5    | See No.1  | PMG Crown (if fitted)                                                     | 1   |
| 6    | 660-10071 | NDE Bearing cap to (10/05/01)                                             | 1   |
|      | 660-10864 | NDE Bearing cap from (10/05/01)                                           | 1   |
| 7    | 660-10064 | NDE Bracket to (10/05/01)                                                 | 1   |
|      | 660-10860 | NDE Bracket from (10/05/01)                                               | 1   |
| 8    | 45-0297   | NDE Bearing kit (Sealed) to (10/05/01)                                    | 1   |
|      | 45-0340   | NDE Bearing kit (Sealed) from (10/05/01)                                  | 1   |
|      | 45-0343   | NDE Bearing kit (REGREASE)                                                | 1   |
| 9    | 462-12920 | NDE Bearing cartridge to (10/05/01)                                       | 1   |
|      | 660-10862 | NDE Bearing cartridge from (10/05/01)                                     | 1   |
| 10   | 366-40800 | Exciter stator 75mm                                                       | 1   |
|      | A052D957  | Exciter stator 75mm Severe Environmental                                  | 1   |
| 11   | QMSN      | Main stator frame assy                                                    | 1   |
| 12   | 660-11565 | NDE Air inlet cover (industrial)                                          | 1   |
|      | 464-31600 | NDE air inlet cover (marine)                                              | 1   |
|      | 464-32100 | NDE air inlet cover (airfilters)                                          | 1   |
| 13   | QMSN      | Main rotor assy                                                           | 1   |
| 14   | 660-1010  | Exciter rotor 75mm                                                        | 1   |
| 15   | 450-16025 | Rotating rectifier assy                                                   | 1   |
| 16   | RSK-6001  | Diode fwd/rev & varistor kit                                              | 1   |
| 17   | QMSN      | Main terminal board                                                       | 1   |
| 18   | 660-10653 | Terminal box end panel NDE                                                | 1   |
|      | 660-11682 | Terminal box end panel NDE (EU Machine Dir.)                              | 1   |
|      | 660-10655 | Terminal box end panel NDE (PG Gland & diff protection)                   | 1   |
|      | 660-11684 | Terminal box end panel NDE (PG Gland & diff protection) (EU Machine Dir.) | 1   |
|      | 660-10925 | Terminal box end panel NDE (HI-reconnectable)                             | 1   |
|      | 660-11689 | Terminal box end panel NDE (HI-reconnectable) (EU Machine Dir.)           | 1   |
|      | 660-11220 | Terminal box end panel NDE (HI-Airfilters)                                | 1   |
|      | 660-11691 | Terminal box end panel NDE (HI-Airfilters) (EU Machine Dir.)              | 1   |
|      | 660-11604 | Terminal box end panel NDE (Standard digital AVR)                         | 1   |

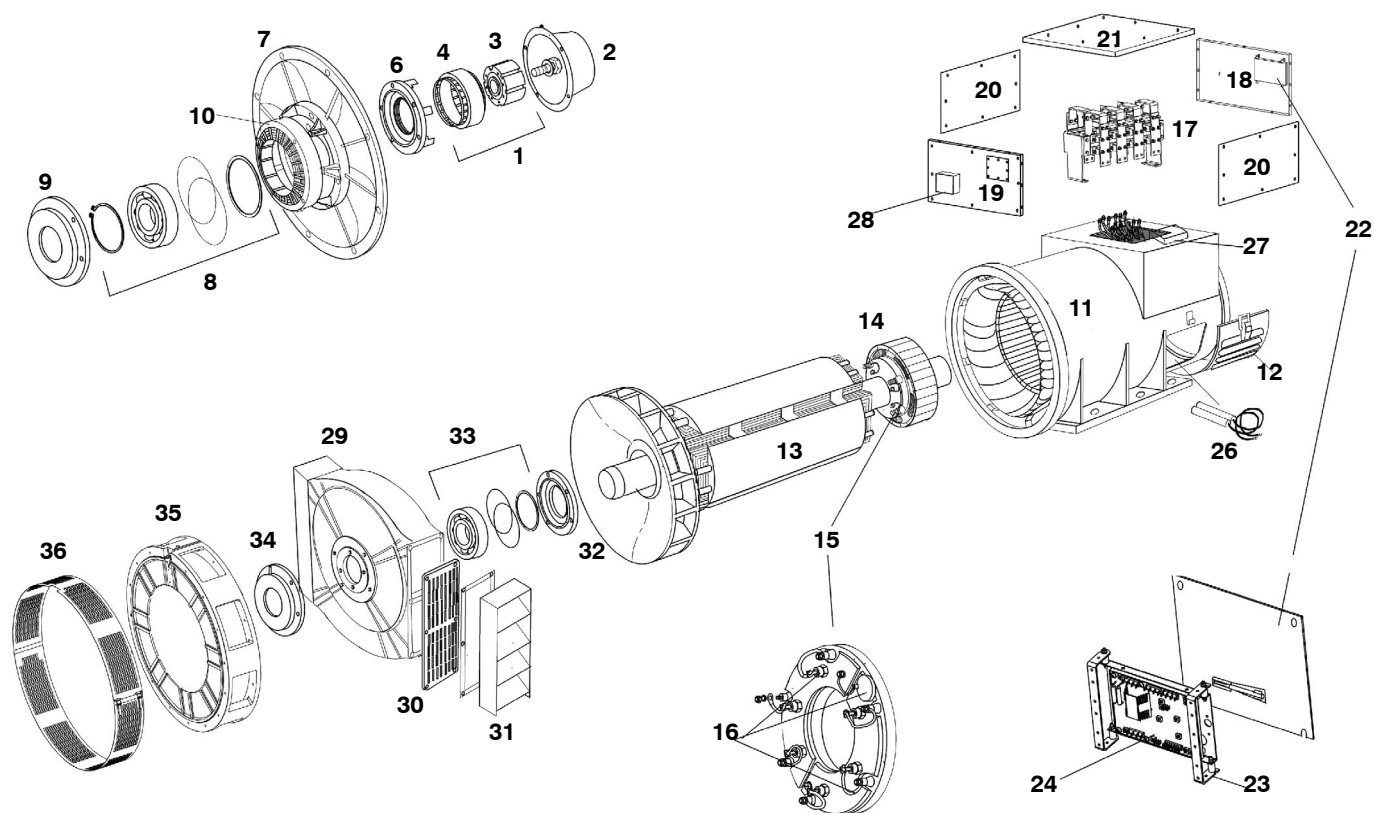
## HC634G to K – 1 Bearing (Ser 3) (Continued)

| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 19   | 660-10652     | Terminal box end panel DE                                                      | 1   |
|      | 660-11681     | Terminal box end panel DE (EU Machine Dir.)                                    | 1   |
|      | 660-10654     | Terminal box end panel DE(Diff/Protection)                                     | 1   |
|      | 660-11683     | Terminal box end panel DE(Diff/Protection) (EU Machine Dir.)                   | 1   |
|      | 660-10784     | Terminal box end panel DE (PG Gland or standard digital AVR)                   | 1   |
|      | 660-11687     | Terminal box end panel DE (PG Gland or standard digital AVR) (EU Machine Dir.) | 1   |
|      | 660-10783     | Terminal box end panel DE (PG Gland diff protection)                           | 1   |
|      | 660-11686     | Terminal box end panel DE (PG Gland diff protection) (EU Machine Dir.)         | 1   |
|      | 660-10924     | Terminal box end panel DE (HI-Reconnectable)                                   | 1   |
|      | 660-11688     | Terminal box end panel DE (HI-Reconnectable) (EU Machine Dir.)                 | 1   |
|      | 660-11219     | Terminal box end panel DE (HI-Airfilters)                                      | 1   |
|      | 660-11690     | Terminal box end panel DE (HI-Airfilters) (EU Machine Dir.)                    | 1   |
| 20   | 660-10650     | Terminal box side panel                                                        | 2   |
|      | 660-11242     | Terminal box side panel (Airfilter)                                            | 2   |
|      | 660-10923     | Terminal box side panel (Hi-Reconnectable & A/F)                               | 2   |
| 21   | 660-10651     | Terminal box lid                                                               | 1   |
| 22   | 450-15254     | AVR Cover plate (access)                                                       | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                     | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                            | 1   |
|      | 450-14310     | AVR Cover plate (blanking)                                                     | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                                           | 1   |
| 24   | E000-23412/1P | AVR MX341 (standard series 3)                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000-23212/1P | AVR MX321                                                                      | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                   | 1   |
|      | E000-23800    | AVR DM110                                                                      | 1   |
|      | A062Y338      | AVR MX322                                                                      | 1   |
|      | A060B914      | AVR DECS-150                                                                   | 1   |
| 25   | 003-14055     | Auxiliary terminal board                                                       | 2   |
| 26   | 45-0073       | Heater Kit 110-125 volt                                                        | 1   |
|      | A053M968      | Heater Kit 110-125 volt UL Cert                                                | 1   |
|      | A040G624      | Heater Kit 110-125v to incl term box for retro                                 | 1   |
|      | A053X252      | Heater Kit 110-125v to incl term box for retro UL Cert                         | 1   |
|      | 45-0074       | Heater 220-260 volt                                                            | 1   |
|      | A053N002      | Heater 220-260 volt UL Cert                                                    | 1   |
|      | A040G620      | Heater Kit 220-260v to incl term box for retro                                 | 1   |
|      | A053X255      | Heater Kit 220-260v to incl term box for retro UL Cert                         | 1   |
| 27   | 45-0024       | Terminal box for heaters                                                       | 1   |

## HC634G to K – 1 Bearing (Ser 3) (Continued)

|    |            |                                      |   |
|----|------------|--------------------------------------|---|
| 28 | 45-0943    | DE Adaptor Kit SAE 0                 | 1 |
|    | 45-0944    | DE Adaptor Kit SAE 0.5               | 1 |
|    | 45-0937    | DE Adaptor Kit SAE 1                 | 1 |
|    | 45-0945    | DE Adaptor Kt SAE 0 round            | 1 |
|    | 45-0942    | DE Adaptor Kit SAE 00                | 1 |
| 29 | See No. 30 | DE SCREEN (Included in Adaptor Kits) | 2 |
| 30 | 45-0658    | DE Louvre SAE 0 & 0.5 & 1            | 1 |
|    | 45-0657    | DE Louvre SAE-00                     | 1 |
| 31 | 45-0788    | Coupling Kit SAE 14                  | 1 |
|    | 45-0789    | Coupling Kit SAE 18                  | 1 |
|    | 45-0791    | Coupling Kit SAE 17.75               | 1 |
|    | 45-0790    | Coupling Kit SAE 21                  | 1 |

## HC634G to K – 2 Bearing (Ser 3)



## HC634G to K – 2 Bearing (Ser 3)

| Item | Part No.  | Description                                                               | Qty |
|------|-----------|---------------------------------------------------------------------------|-----|
| 1    | 45-0060A  | Complete PMG upfit kit to (10/05/01)                                      | 1   |
|      | 45-0341A  | Complete PMG upfit kit from (10/05/01)                                    | 1   |
| 2    | 760-10562 | PMG Cover (Cover included in above kit)                                   | 1   |
| 3    | 45-1082   | Current PMG Rotor/stator repair kit                                       | 1   |
| 4    | 45-1082   | Current PMG Rotor/stator repair kit                                       | 1   |
| 5    | See No.1  | PMG Crown (if fitted)                                                     | 1   |
| 6    | 660-10071 | NDE Bearing cap to (10/05/01)                                             | 1   |
|      | 660-10864 | NDE Bearing cap from (10/05/01)                                           | 1   |
| 7    | 660-10064 | NDE Bracket to (10/05/01)                                                 | 1   |
|      | 660-10860 | NDE Bracket from (10/05/01)                                               | 1   |
| 8    | 45-0295   | NDE Bearing Kit (Sealed) to (10/05/01)                                    | 1   |
|      | 45-0340   | NDE Bearing Kit (Sealed) from (10/05/98)                                  | 1   |
|      | 45-0343   | NDE Bearing Kit (REGREASE)                                                | 1   |
| 9    | 462-12920 | NDE Bearing cartridge to (10/05/01)                                       | 1   |
|      | 660-10862 | NDE Bearing cartridge from (10/05/01)                                     | 1   |
| 10   | 366-40800 | Exciter stator 75mm                                                       | 1   |
|      | A052D957  | Exciter stator 75mm Severe Environmental                                  | 1   |
| 11   | QMSN      | Main stator frame assy                                                    | 1   |
| 12   | 660-11565 | NDE Air inlet cover (industrial)                                          | 1   |
|      | 464-31600 | NDE Air inlet cover (marine)                                              | 1   |
|      | 464-32100 | NDE Air inlet cover (Airfilters)                                          | 1   |
| 13   | QMSN      | Main rotor assy                                                           | 1   |
| 14   | 660-1010  | Exciter rotor 75mm                                                        | 1   |
| 15   | 450-16025 | Rotating rectifier assy                                                   | 1   |
| 16   | RSK-6001  | Diode fwd/rev & varistor kit                                              | 1   |
| 17   | QMSN      | Main terminal board                                                       | 1   |
| 18   | 660-10653 | Terminal box end panel NDE                                                | 1   |
|      | 660-11682 | Terminal box end panel NDE (EU Machine Dir.)                              | 1   |
|      | 660-10655 | Terminal box end panel NDE (PG Gland & diff protection)                   | 1   |
|      | 660-11684 | Terminal box end panel NDE (PG Gland & diff protection) (EU Machine Dir.) | 1   |
|      | 660-10925 | Terminal box end panel NDE (HI-Reconnectable)                             | 1   |
|      | 660-11689 | Terminal box end panel NDE (HI-Reconnectable) (EU Machine Dir.)           | 1   |
|      | 660-11220 | Terminal box end panel NDE HI-Airfilters)                                 | 1   |
|      | 660-11691 | Terminal box end panel NDE HI-Airfilters) (EU Machine Dir.)               | 1   |
|      | 660-11604 | Terminal box end panel NDE (Standard digital AVR)                         | 1   |

## HC634G to K – 2 Bearing (Ser 3) (Continued)

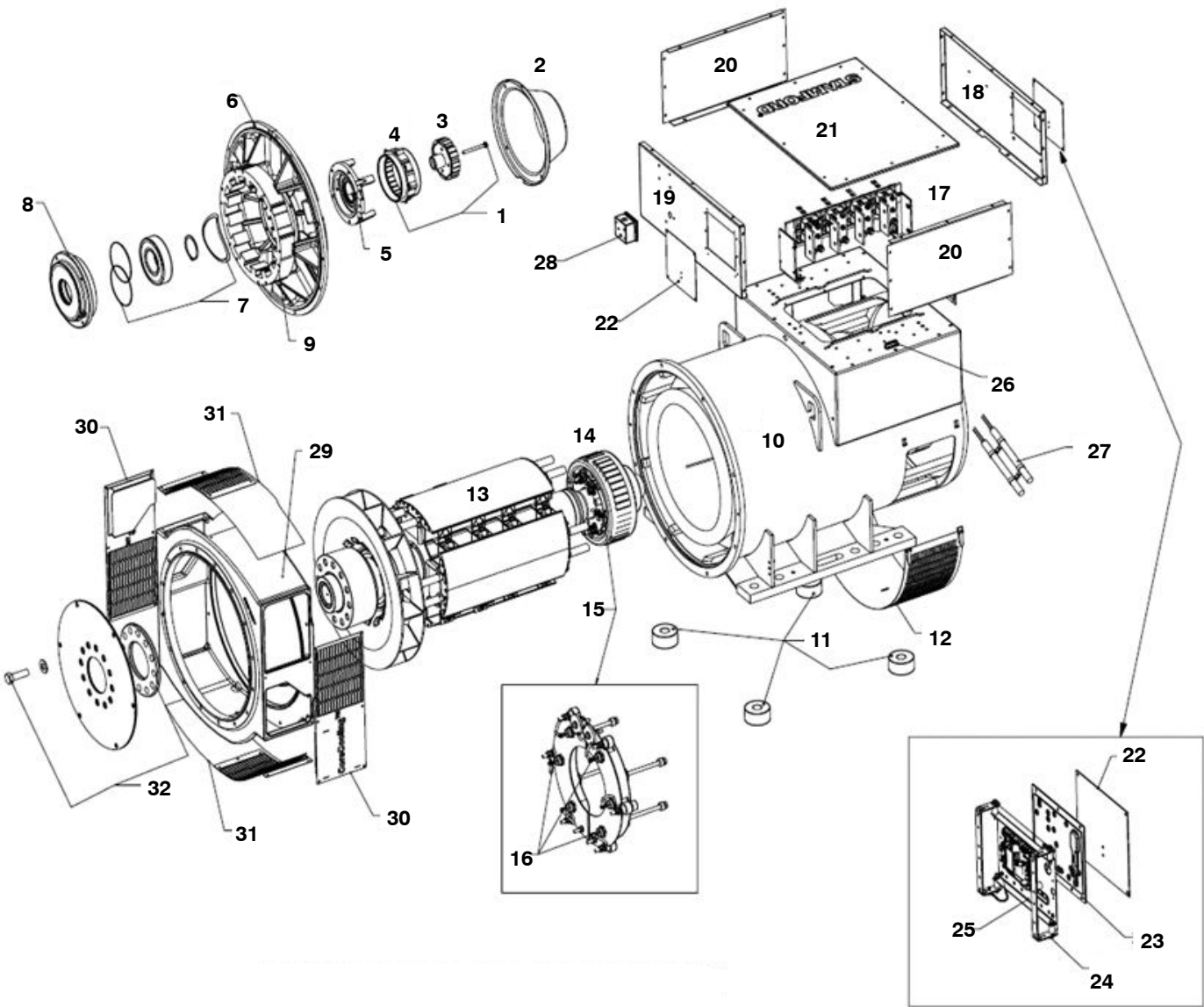
| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 19   | 660-10652     | Terminal box end panel DE                                                      | 1   |
|      | 660-11681     | Terminal box end panel DE (EU Machine Dir.)                                    | 1   |
|      | 660-10654     | Terminal box end panel DE (diff/protection)                                    | 1   |
|      | 660-11683     | Terminal box end panel DE (diff/protection) (EU Machine Dir.)                  | 1   |
|      | 660-10784     | Terminal box end panel DE (PG Gland or standard digital AVR)                   | 1   |
|      | 660-11687     | Terminal box end panel DE (PG Gland or standard digital AVR) (EU Machine Dir.) | 1   |
|      | 660-10783     | Terminal box end panel DE (PG Gland diff protection)                           | 1   |
|      | 660-11686     | Terminal box end panel DE (PG Gland diff protection) (EU Machine Dir.)         | 1   |
|      | 660-10924     | Terminal box end panel DE (HI-Reconnectable)                                   | 1   |
|      | 660-11686     | Terminal box end panel DE (HI-Reconnectable) (EU Machine Dir.)                 | 1   |
|      | 660-11219     | Terminal box end panel DE (HI-Airfilters)                                      | 1   |
|      | 660-11690     | Terminal box end panel DE (HI-Airfilters) (EU Machine Dir.)                    | 1   |
| 20   | 660-10650     | Terminal box side panel                                                        | 2   |
|      | 660-11242     | Terminal box side panel (Airfilter)                                            | 2   |
|      | 660-10923     | Terminal box side panel (HI-Reconnectable & A/F)                               | 2   |
| 21   | 660-10651     | Terminal box lid                                                               | 1   |
| 22   | 450-15254     | AVR Cover plate (access)                                                       | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                     | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                            | 1   |
|      | 450-14310     | AVR Cover plate (blanking)                                                     | 1   |
| 23   | 45-0742       | AVR Mounting bracket                                                           | 1   |
| 24   | E000-23412/1P | AVR MX341 (standard series 3)                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000-23212/1P | AVR MX321                                                                      | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                   | 1   |
|      | E000-23800    | AVR DM110                                                                      | 1   |
|      | A062Y338      | AVR MX322                                                                      | 1   |
|      | A060B914      | AVR DECS-150                                                                   | 1   |
| 25   | 003-14055     | Auxiliary terminal board                                                       | 2   |
| 26   | 003-14055     | Auxiliary terminal board                                                       | 2   |
| 27   | 45-0073       | Heater Kit 110-125 volt                                                        | 1   |
|      | A053M968      | Heater Kit 110-125 volt UL Cert                                                | 1   |
|      | A040G624      | Heater Kit 110-125v to incl term box for retro                                 | 1   |
|      | A053X252      | Heater Kit 110-125v to incl term box for retro UL Cert                         | 1   |
|      | 45-0074       | Heater 220-260 volt                                                            | 1   |
|      | A053N002      | Heater 220-260 volt UL Cert                                                    | 1   |
|      | A040G620      | Heater Kit 220-260v to incl term box for retro                                 | 1   |
|      | A053X255      | Heater Kit 220-260v to incl term box for retro UL Cert                         | 1   |
| 28   | 45-0024       | Terminal Box for Heaters                                                       | 1   |
| 29   | 464-15630     | DE Bracket to (25/04/98)                                                       | 1   |
|      | 660-10868     | DE Bracket from (25/04/98)                                                     | 1   |



## HC634G to K – 2 Bearing (Ser 3) (Continued)

|    |                |                                        |   |
|----|----------------|----------------------------------------|---|
| 30 | 464-15650      | DE Bracket screen                      | 2 |
| 31 | 45-0659        | DE Louvre                              | 2 |
| 32 | 464-15090      | DE Bearing cartridge to (25/04/98)     | 1 |
|    | 660-10870      | DE Bearing cartridge from (25/04/98)   | 1 |
| 33 | 45-0294        | DE Bearing Kit (Sealed) to (25/04/98)  | 1 |
|    | 45-0339        | DE Bearing Kt (Sealed) from (25/04/98) | 1 |
|    | 45-0342        | DE Bearing Kt (REGREASE)               | 1 |
| 34 | 660-10074      | DE Bearing cap outer to (25/04/98)     | 1 |
|    | 660-10872      | DE Bearing cap outer from (25/04/98)   | 1 |
| 35 | 45-0683        | 2 Brg Adaptor Kit (SAE 0)              | 1 |
|    | 45-0682        | 2 Brg Adaptor Kit (SAE 00)             | 1 |
| 36 | Included in 34 | DE Cover Screen (Included in Kits)     | 1 |

S6 C to H – 1 Bearing (Dedicated)



## S6 C to H – 1 Bearing (Dedicated)

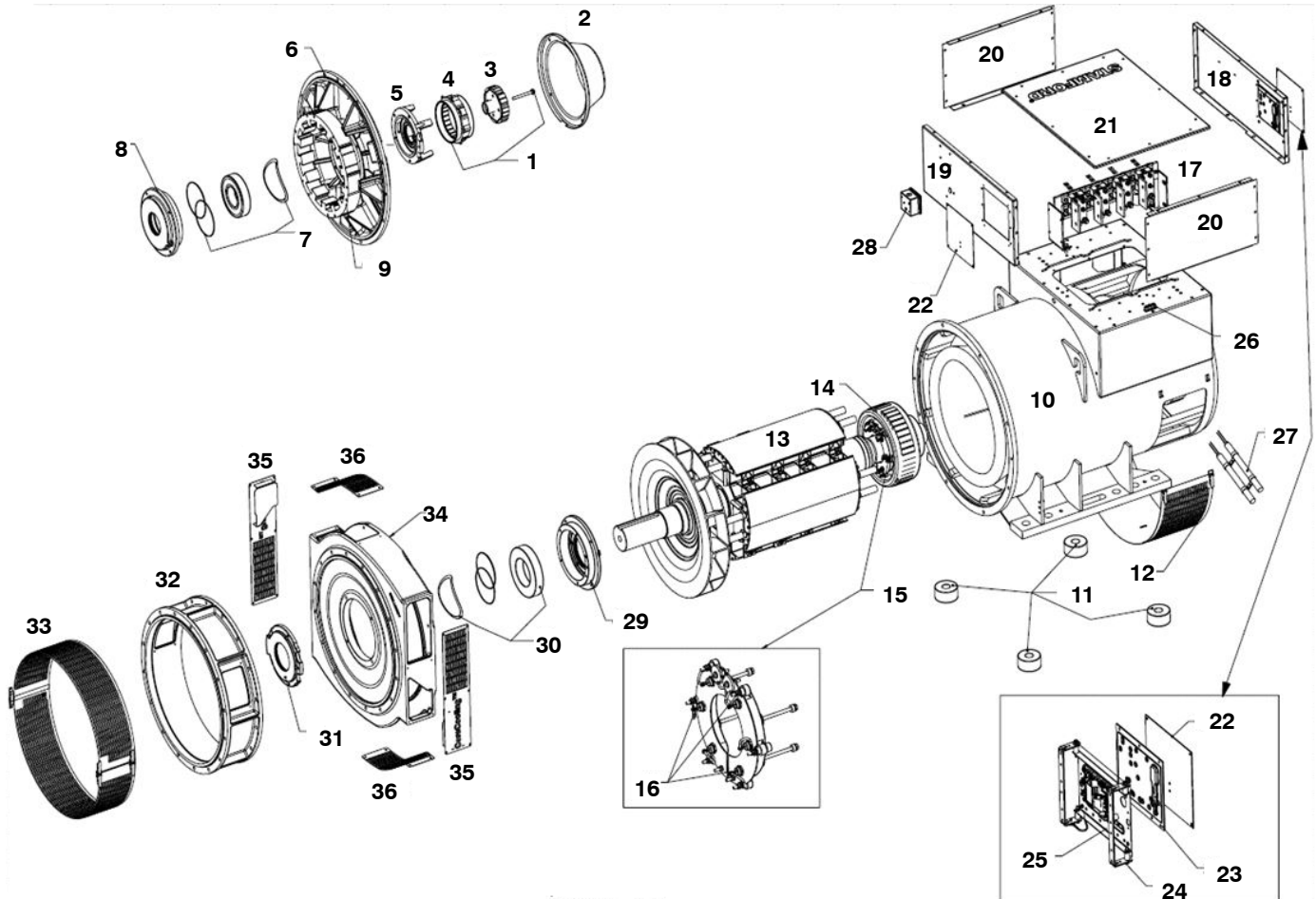
| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 1    | 45-0341A      | Complete PMG Upfit Kit                                                         | 1   |
| 2    | 760-10562     | PMG Cover (Cover Included in Item 1)                                           | 1   |
| 3    | 45-1082       | Current PMG Rotor/Stator Repair Kit                                            | 1   |
| 4    | 45-1082       | Current PMG Rotor/Stator Repair Kit                                            | 1   |
| 5    | 660-10864     | NDE Bearing cap                                                                | 1   |
| 6    | 660-10860     | NDE Bracket                                                                    | 1   |
| 7    | 45-0340       | NDE Bearing kit (Sealed)                                                       | 1   |
| 8    | 660-10862     | NDE Bearing cartridge                                                          | 1   |
| 9    | A057B916      | Exciter stator 65mm C to E core                                                | 1   |
|      | A057B918      | Exciter stator 75mm G & H core                                                 | 1   |
| 10   | QMSN          | Main Stator frame assy                                                         | 1   |
| 11   | A057L515      | Foot space                                                                     | 4   |
| 12   | 660-11565     | NDE Air Inlet cover (industrial)                                               | 1   |
| 13   | QMSN          | Main Rotor Assy                                                                | 1   |
| 14   | A057B921      | Exciter rotor 65mm C to D core                                                 | 1   |
|      | A057B923      | Exciter rotor 75mm E & H core                                                  | 1   |
| 15   | 450-16025     | Rotating rectifier assy                                                        | 1   |
| 16   | RSK-6001      | Diode fwd/rev & varistor kit                                                   | 1   |
| 17   | QMSN          | Main terminal board                                                            | 1   |
| 18   | 660-11682     | Terminal box end panel NDE (EU Machine Dir.)                                   | 1   |
|      | 660-11689     | Terminal box end panel NDE (Hi-reconnectable) (EU Machine Dir.)                | 1   |
|      | 660-11604     | Terminal box end panel NDE (Standard digital AVR)                              | 1   |
| 19   | 660-11681     | Terminal box end panel DE (EU Machine Dir.)                                    | 1   |
|      | 660-11688     | Terminal box end panel DE (Hi-reconnectable) (EU Machine Dir.)                 | 1   |
|      | 660-11687     | Terminal box end panel DE (PG Gland or standard digital AVR) (EU Machine Dir.) | 1   |
| 20   | 660-10650     | Terminal box side panel                                                        | 2   |
|      | 660-10923     | Terminal box side panel (Hi-Reconnectable & AF)                                | 2   |
| 21   | 660-10651     | Terminal box lid                                                               | 1   |
| 22   | 450-16414     | AVR Cover plate (EU Machine Dir.)                                              | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                     | 1   |
| 23   | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                            |     |
| 24   | 45-0742       | AVR Mounting bracket+D42C35:C35:N48                                            | 1   |
| 25   | E000-23412/1P | AVR MX341 (Standard series 3)                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000-23212/1P | AVR MX321                                                                      | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                   | 1   |
|      | A054S072      | AVR DECS100                                                                    | 1   |
|      | A062Y338      | AVR MX322                                                                      | 1   |
|      | A060B914      | AVR DECS-150                                                                   | 1   |
| 26   | 003-14055     | Auxiliary terminal board                                                       | 2   |
|      |               |                                                                                |     |
|      |               | Continued...                                                                   |     |

## S6 C to H – 1 Bearing (Dedicated) (Continued)

| Item | Part No. | Description                                                                   | Qty |
|------|----------|-------------------------------------------------------------------------------|-----|
| 27   | 45-0073  | Heater Kit 110-125 volt                                                       | 1   |
|      | A053M968 | Heater Kit 110-125 volt UL Cert                                               | 1   |
|      | A040G624 | Heater Kit 110-125v to incl term box for retro                                | 1   |
|      | A053X252 | Heater Kit 110-125v to incl term box for retro UL Cert                        | 1   |
|      | 45-0074  | Heater 220-260 volt                                                           | 1   |
|      | A053N002 | Heater 220-260 volt UL Cert                                                   | 1   |
|      | A040G620 | Heater Kit 220-260v to incl term box for retro                                | 1   |
|      | A053X255 | Heater Kit 220-260v to incl term box for retro UL Cert                        | 1   |
| 28   | 45-0024  | Terminal box for heaters                                                      | 1   |
| 29   | A058A512 | S6 1B Adapter Kit SAE0 660Fan (C-F)                                           | 1   |
|      | A058A514 | S6 1B Adapter Kit SAE0 800Fan (G-H)                                           | 1   |
|      | A058A516 | S6 1B Adapter Kit SAE1 660Fan (C-F)                                           | 1   |
|      | A058A523 | S6 1B Adapter Kit SAE00 800Fan (G-H)                                          | 1   |
| 30   | A056G571 | DE Adapter side cover 660 FAN (C-F) (Item Included in Item 29)                | 2   |
|      | A057E925 | DE Adapter side cover 800 FAN (G-H) (Item Included in Item 29)                | 2   |
| 31   | A056G699 | DE Adapter Top & Bottom cover SAE0,1 660 FAN (C-F) (Item Included in Item 29) | 2   |
|      | A057E939 | DE Adapter Top & Bottom cover SAE0 800 FAN (G-H) (Item Included in Item 29)   | 2   |
|      | A057J578 | DE Adapter Top & Bottom cover SAE00 800 FAN (G-H) (Item Included in Item 29)  | 2   |
| 32   | 45-0788  | Coupling Kit SAE 14                                                           | 1   |
|      | 45-0789  | Coupling Kit SAE 18                                                           | 1   |
|      | 45-0790  | Coupling Kit SAE 21                                                           | 1   |

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## S6 C to H – 2 Bearing (Dedicated)



## S6 C to H – 2 Bearing (Dedicated)

| Item | Part No.      | Description                                                                    | Qty |
|------|---------------|--------------------------------------------------------------------------------|-----|
| 1    | 45-0341A      | Complete PMG Upfit Kit                                                         | 1   |
| 2    | 760-10562     | PMG Cover (Cover Included in Item 1)                                           | 1   |
| 3    | 45-1082       | Current PMG Rotor/Stator Repair Kit                                            | 1   |
| 4    | 45-1082       | Current PMG Rotor/Stator Repair Kit                                            | 1   |
| 5    | 660-10864     | NDE Bearing cap                                                                | 1   |
| 6    | 660-10860     | NDE Bracket                                                                    | 1   |
| 7    | 45-0340       | NDE Bearing kit (Sealed)                                                       | 1   |
| 8    | 660-10862     | NDE Bearing cartridge                                                          | 1   |
| 9    | A057B916      | Exciter stator 65mm C to E core                                                | 1   |
|      | A057B918      | Exciter stator 75mm G & H core                                                 | 1   |
| 10   | QMSN          | Main Stator frame assy                                                         | 1   |
| 11   | A057L515      | Foot space                                                                     | 4   |
| 12   | 660-11565     | NDE Air Inlet cover (industrial)                                               | 1   |
| 13   | QMSN          | Main Rotor Assy                                                                | 1   |
| 14   | A057B921      | Exciter rotor 65mm C to D core                                                 | 1   |
|      | A057B923      | Exciter rotor 75mm E & H core                                                  | 1   |
| 15   | 450-16025     | Rotating rectifier assy                                                        | 1   |
| 16   | RSK-6001      | Diode fwd/rev & varistor kit                                                   | 1   |
| 17   | QMSN          | Main terminal board                                                            | 1   |
| 18   | 660-11682     | Terminal box end panel NDE (EU Machine Dir.)                                   | 1   |
|      | 660-11689     | Terminal box end panel NDE (Hi-reconnectable) (EU Machine Dir.)                | 1   |
|      | 660-11604     | Terminal box end panel NDE (Standard digital AVR)                              | 1   |
| 19   | 660-11681     | Terminal box end panel DE (EU Machine Dir.)                                    | 1   |
|      | 660-11688     | Terminal box end panel DE (Hi-reconnectable) (EU Machine Dir.)                 | 1   |
|      | 660-11687     | Terminal box end panel DE (PG Gland or standard digital AVR) (EU Machine Dir.) | 1   |
| 20   | 660-10650     | Terminal box side panel                                                        | 2   |
|      | 660-10923     | Terminal box side panel (Hi-Reconnectable & AF)                                | 2   |
| 21   | 660-10651     | Terminal box lid                                                               | 1   |
| 22   | 450-16414     | AVR Cover plate (EU Machine Dir.)                                              | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                     | 1   |
| 23   | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                            |     |
| 24   | 45-0742       | AVR Mounting bracket+D42C35:C35:N48                                            | 1   |
| 25   | E000-23412/1P | AVR MX341 (Standard series 3)                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                                   | 1   |
|      | E000-23212/1P | AVR MX321                                                                      | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                                   | 1   |
|      | A054S072      | AVR DECS100                                                                    | 1   |
|      | A062Y338      | AVR MX322                                                                      | 1   |
|      | A060B914      | AVR DECS-150                                                                   | 1   |
| 26   | 003-14055     | Auxiliary terminal board                                                       | 2   |
|      |               |                                                                                |     |
|      |               | Continued...                                                                   |     |

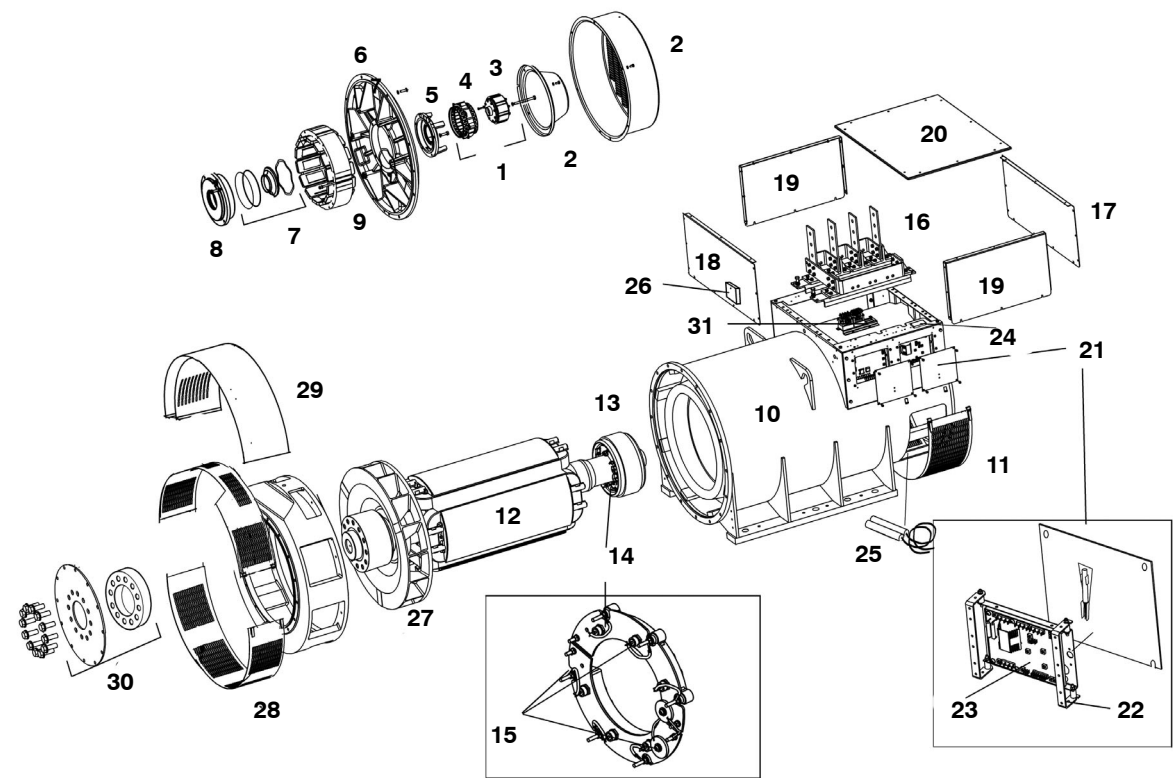
## S6 C to H – 2 Bearing (Dedicated) (Continued)

| Item | Part No.            | Description                                                          | Qty |
|------|---------------------|----------------------------------------------------------------------|-----|
| 27   | 45-0073             | Heater Kit 110–125 volt                                              | 1   |
|      | A053M968            | Heater Kit 110–125 volt UL Cert                                      | 1   |
|      | A040G624            | Heater Kit 110–125v to incl term box for retro                       | 1   |
|      | A053X252            | Heater Kit 110–125v to incl term box for retro UL Cert               | 1   |
|      | 45-0074             | Heater 220–260 volt                                                  | 1   |
|      | A053N002            | Heater 220–260 volt UL Cert                                          | 1   |
|      | A040G620            | Heater Kit 220–260v to incl term box for retro                       | 1   |
|      | A053X255            | Heater Kit 220–260v to incl term box for retro UL Cert               | 1   |
| 28   | 45-0024             | Terminal box for heaters                                             | 1   |
| 29   | A057U170            | DE Bearing Cartridge (C–F)                                           | 1   |
|      | 660-10870           | DE Bearing Cartridge (G–H)                                           | 1   |
| 30   | 45-0339             | DE Bearing Kit (Sealed)                                              | 1   |
| 31   | A057U174            | DE Bearing Cap Outer (C–F)                                           | 1   |
|      | 660-10872           | DE Bearing Cap Outer (G–H)                                           | 1   |
| 32   | A058A539            | 2Brg Adapter Kit SAE0 800Fan (G–H)                                   | 1   |
|      | A058A533            | 2Brg Adapter Kit SAE00 800Fan (G–H)                                  | 1   |
|      | 45-0683             | 2Brg Adapter Kit (SAE0) 660Fan (C–F)                                 | 1   |
|      | A028B524            | 2Brg Adapter Kit (SAE0+SAE1 Ring) 660Fan (C–F)                       | 1   |
| 33   | Included in Item 32 | DE Cover Screen (Included in Kits)                                   | 1   |
| 34   | A059M483            | DE BRACKET–660mm FAN (C–F) Kit                                       | 1   |
|      | A059M485            | DE BRACKET–800mm FAN (G–H) Kit                                       | 1   |
| 35   | A056W894            | DE Adapter side cover 660 FAN (C–F) (Included in Item 34)            | 2   |
|      | A057K006            | DE Adapter side cover 800 FAN (G–H) (Included in Item 34)            | 2   |
| 36   | A056W896            | DE Adapter Top & Bottom cover2B, 660 FAN (C–F) (Included in Item 34) | 2   |
|      | A057K009            | DE Adapter Top & Bottom cover2B, 800 FAN (G–H) (Included in Item 34) | 2   |



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P7 A to G – 1 Bearing



## P7 A to G – 1 Bearing

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 1    | 45-0119A  | Complete PMG upfit kit                                 | 1   |
| 2    | 760-10562 | PMG Cover (cover included in above kit)                | 1   |
| 2a   | 760-11279 | NDE Air inlet cover G core only                        | 1   |
|      | 760-10965 | NDE Air inlet cover G (marine)                         | 1   |
|      | 760-11005 | NDE Air inlet cover (circular)                         | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 5    | 760-10823 | NDE Bearing cap                                        | 1   |
|      | 760-11026 | NDE Bearing cap for use with hardened cartridge        | 1   |
| 6    | 760-10819 | NDE Bracket A – F                                      | 1   |
|      | 760-11205 | NDE Bracket G                                          | 1   |
| 7    | 45-0336   | NDE Regrease bearing kit                               | 1   |
|      | 45-1153   | NDE Regrease brg kit c/w caps & cartridges A – E       | 1   |
|      | 45-0418   | NDE Sealed bearing kit                                 | 1   |
|      | A054Y391  | NDE (Sealed) bearing kit C/W Caps & Cartridges A – E   | 1   |
| 8    | 760-10821 | NDE Bearing cartridge                                  | 1   |
|      | 760-11016 | NDE Bearing cartridge (hardened)                       | 1   |
| 9    | 366-40800 | Exciter stator A – F (75mm)                            | 1   |
|      | 760-1151  | Exciter stator G (100mm)                               | 1   |
|      | A052D957  | Exciter stator A – F (75mm) Severe Environmental       | 1   |
|      | A052D963  | Exciter stator G (100mm) Severe Environmental          | 1   |
| 10   | QMSN      | Main stator frame assy                                 | 1   |
| 11   | 760-11274 | NDE Bottom cover A-F                                   | 1   |
|      | 366-21200 | NDE Bottom cover (marine –louvered)                    | 1   |
|      | 366-21300 | NDE Bottom cover (airfilter)                           | 1   |
| 12   | QMSN      | Main rotor assy                                        | 1   |
| 13   | 760-1186  | Exciter rotor A –F (75mm)                              | 1   |
|      | 760-1178  | Exciter rotor G,R,S,T (100mm)                          | 1   |
| 14   | 760-11216 | Rotating rectifier assy                                | 1   |
| 15   | RSK-6001  | Diode fwd/rev & varistor kit                           | 1   |
| 16   | QMSN      | Main terminal board                                    | 1   |
| 17   | 760-11185 | Terminal box end panel NDE – standard                  | 1   |
|      | 760-11268 | Terminal box end panel NDE – high box                  | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters        | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w airfilters       | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters marine | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w a/f ( marine)    | 1   |
| 18   | 760-11185 | Terminal box end panel DE – standard                   | 1   |
|      | 760-11268 | Terminal box end panel DE – high box                   | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters         | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w airfilters        | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters marine  | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w a/f ( marine)     | 1   |

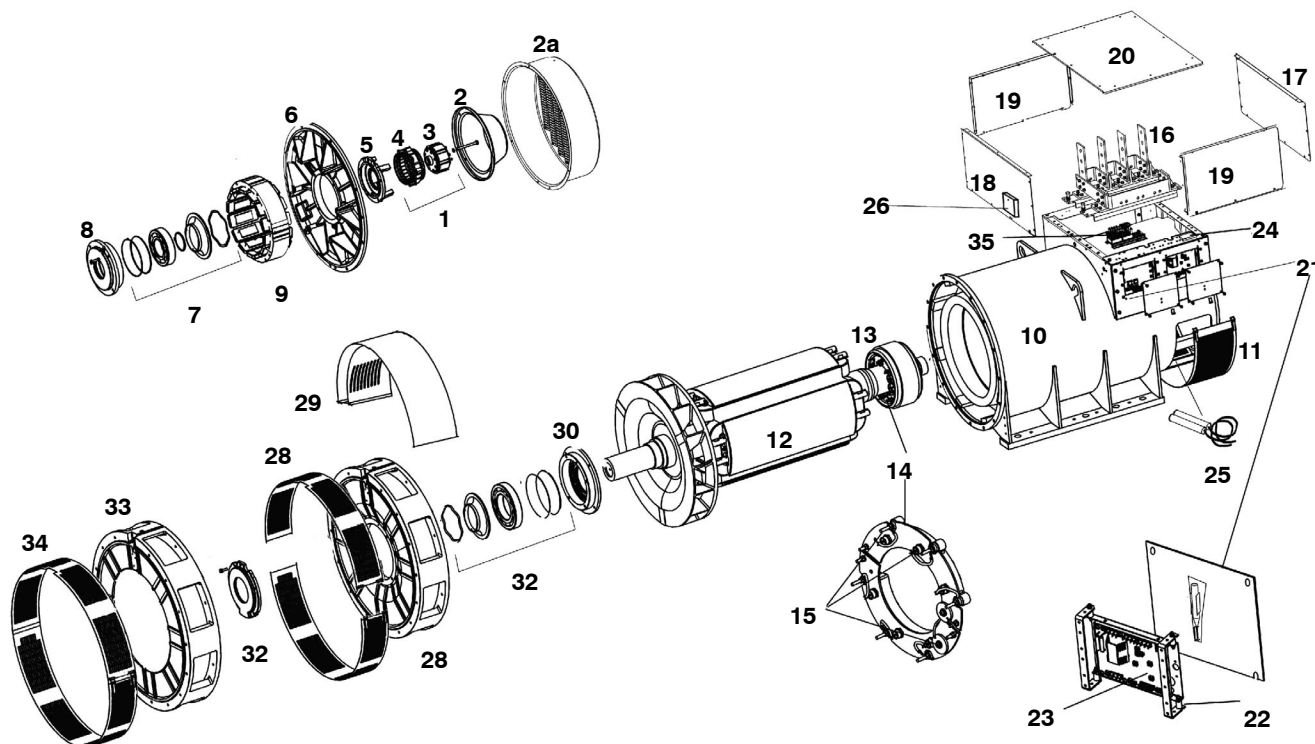
## P7 A to G – 1 Bearing (Continued)

| Item | Part No.      | Description                                                         | Qty |
|------|---------------|---------------------------------------------------------------------|-----|
| 19   | 760-11186     | Terminal box side panel – standard                                  | 2   |
|      | 760-11269     | Terminal box side panel – high box                                  | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter                         | 2   |
|      | 760-11269     | Terminal box side panel – high c/w airfilter                        | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter marine                  | 2   |
|      | 760-11269     | Terminal box side panel – high c/w a/f ( marine)                    | 2   |
| 20   | 760-10663     | Terminal box lid – standard /high/airfilter & marine                | 1   |
| 21   | 450-15254     | AVR Cover plate (access)                                            | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                          | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                 | 1   |
| 22   | 45-0742       | AVR Mounting bracket                                                | 1   |
| 23   | E000-23412/1P | AVR MX341 (standard series 3)                                       | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                        | 1   |
|      | E000-23212/1P | AVR MX321                                                           | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                        | 1   |
|      | E000-23800    | AVR DM110                                                           | 1   |
|      | A062Y338      | AVR MX322                                                           | 1   |
|      | A060B914      | AVR DECS-150                                                        | 1   |
| 24   | 450-15489     | Auxiliary terminal board                                            | 1   |
| 25   | 45-0324       | Heater 110-125 volt                                                 | 1   |
|      | A053M969      | Heater 110-125 volt UL Cert                                         | 1   |
|      | A051Y955      | Heater Kit 110-125v to incl term box for retro                      | 1   |
|      | A053X258      | Heater Kit 110-125v to incl term box for retro UL Cert              | 1   |
|      | 45-0325       | Heater Kit 220-260 volt                                             | 1   |
|      | A053N003      | Heater Kit 220-260 volt UL Cert                                     | 1   |
|      | A040G626      | Heater Kit 220-260v to incl term box for retro                      | 1   |
|      | A053X260      | Heater Kit 220-260v to incl term box for retro UL Cert              | 1   |
|      | 45-1047       | Heater Kit 110-125 volt (G core)                                    | 1   |
|      | A053M999      | Heater Kit 110-125 volt (G core) UL Cert                            | 1   |
|      | A053X422      | Heater Kit 110-125 volt (G core) to incl term box for retro UL Cert | 1   |
|      | 45-1048       | Heater Kit 220-260 volt (G core)                                    | 1   |
|      | A053N109      | Heater Kit 220-260 volt (G core) UL Cert                            | 1   |
|      | A053X401      | Heater Kit 220-260V (G core) to incl term box for retro UL Cert     | 1   |
| 26   | 45-0024       | Terminal box for heaters                                            | 1   |
| 27   | 45-1011       | DE Adaptor kit (SAE 0)                                              | 1   |
|      | 45-1012       | DE Adaptor kit (SAE 00)                                             | 1   |
| 28   | See No. 29    | DE Screen (included in adaptor kits)                                | 1   |
|      |               |                                                                     |     |
|      |               | <b>Continued...</b>                                                 |     |

## P7 A to G – 1 Bearing (Continued)

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 29   | 45-1049   | Louvre Kit SAE 00 – A –F                               | 1   |
|      | 45-1050   | Louvre Kit SAE 00 – G                                  | 1   |
|      | 45-1051   | Louvre Kit SAE 0 – A – F                               | 1   |
|      | 45-1052   | Louvre Kit SAE 0 – G                                   | 1   |
| 30   | 45-0792   | Coupling Kit SAE 18 (standard)                         | 1   |
|      | 45-1005   | Coupling Kit SAE 18 (special 12 hole)                  | 1   |
|      | 45-0793   | Coupling Kit SAE 21                                    | 1   |
|      | 45-0794   | Coupling Kit SAE 24                                    | 1   |
| 31   | 450-42150 | Isolation transformer 2 to 1 (up to 480v)              | 1   |
|      | A040L270  | Isolation transformer 2 to 1 (up to 480v) (UL Cert)    | 1   |
|      | 450-42250 | Isolation transformer 2.5 to 1 (600 to 240v)           | 1   |
|      | A040N063  | Isolation transformer 2.5 to 1 (600 to 240v) (UL Cert) | 1   |
|      | 450-42350 | Isolation transformer 3 to 1 (720 to 240v)             | 1   |
|      | A049N972  | Isolation transformer 3 to 1 (720 to 240v) (UL Cert)   | 1   |
|      | 450-41650 | Isolation transformer 2.5 to 1 (500 to 600v)           | 1   |
|      | TBA       | Isolation transformer 2.5 to 1 (500 to 600v) (UL Cert) | TBA |
|      | 450-41750 | Isolation transformer 3 to 1 (601 to 720v)             | 1   |
|      | TBA       | Isolation transformer 3 to 1 (601 to 720v) (UL Cert)   | TBA |

## P7 A to G – 2 Bearing



## P7 A to G – 2 Bearing

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 1    | 45-0119A  | Complete PMG upfit Kit                                 | 1   |
| 2    | 760-10562 | PMG Cover (cover included in above Kit)                | 1   |
| 2a   | 760-11279 | NDE Air inlet cover G                                  | 1   |
|      | 760-10965 | NDE Air inlet cover G (marine)                         | 1   |
|      | 760-11005 | NDE Air inlet cover (circular)                         | 1   |
| 3    | 45-1082   | Current PMG rotor/stator repair Kit                    | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair Kit                    | 1   |
| 5    | 760-10823 | NDE Bearing cap                                        | 1   |
|      | 760-11026 | NDE Bearing cap for use with hardened cartridge        | 1   |
| 6    | 760-10819 | NDE Bracket A –F                                       | 1   |
|      | 760-11205 | NDE Bracket G                                          | 1   |
| 7    | 45-0336   | NDE Regrease bearing Kit                               | 1   |
|      | 45-1153   | NDE Regrease brg Kit c/w caps & cartridges A – E       | 1   |
|      | 45-0419   | NDE Sealed bearing Kit                                 | 1   |
|      | A054Y408  | NDE Sealed bearing Kit C/W Caps & Cartridges A – E     | 1   |
| 8    | 760-10821 | NDE Bearing cartridge                                  | 1   |
|      | 760-11016 | NDE Bearing cartridge (hardened)                       | 1   |
| 9    | 366-40800 | Exciter stator A – F (75mm)                            | 1   |
|      | 760-1151  | Exciter stator G (100mm)                               | 1   |
|      | A052D957  | Exciter stator A – F (75mm) Severe Environmental       | 1   |
|      | A052D963  | Exciter stator G (100mm) Severe Environmental          | 1   |
| 10   | QMSN      | Main stator frame assy                                 | 1   |
| 11   | 760-11274 | NDE Bottom cover A–F                                   | 1   |
|      | 366-21200 | NDE Bottom cover (marine –louvered)                    | 1   |
|      | 366-21300 | NDE Bottom cover (airfilter) A–F                       | 1   |
| 12   | QMSN      | Main rotor assy                                        | 1   |
| 13   | 760-1186  | Exciter rotor A –F (75mm)                              | 1   |
|      | 760-1178  | Exciter rotor G,R,S,T (100mm)                          | 1   |
| 14   | 760-11216 | Rotating rectifier assy                                | 1   |
| 15   | RSK-6001  | Diode fwd/rev & varistor Kit                           | 1   |
| 16   | QMSN      | Main terminal board                                    | 1   |
| 17   | 760-11185 | Terminal box end panel NDE – standard                  | 1   |
|      | 760-11268 | Terminal box end panel NDE – high box                  | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters        | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w airfilters       | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters marine | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w a/f ( marine)    | 1   |

## P7 A to G – 2 Bearing (Continued)

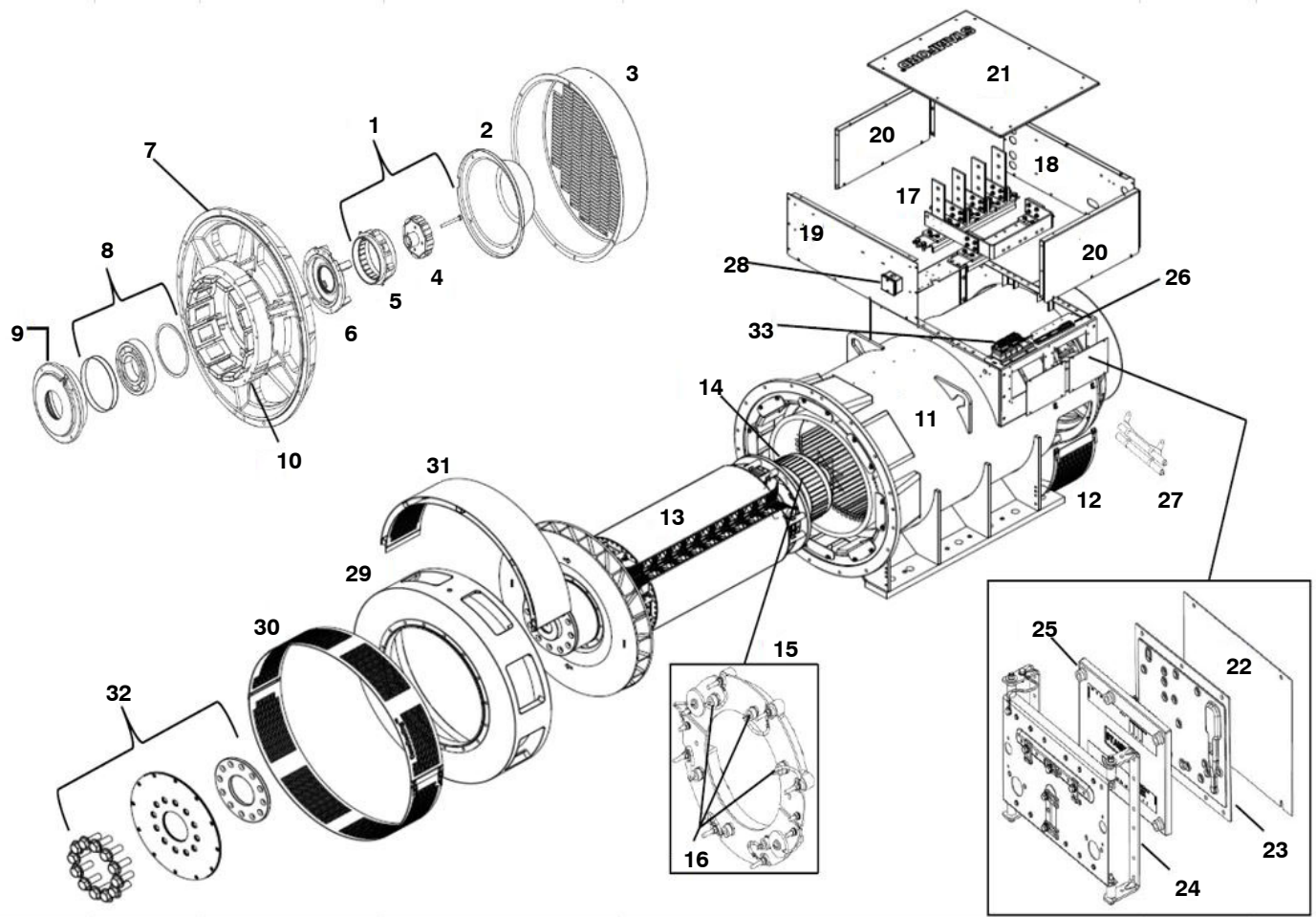
| Item | Part No.      | Description                                                         | Qty |
|------|---------------|---------------------------------------------------------------------|-----|
| 18   | 760-11185     | Terminal box end panel DE – standard                                | 1   |
|      | 760-11268     | Terminal box end panel DE – high box                                | 1   |
|      | 760-11185     | Terminal box end panel DE – std c/w airfilters                      | 1   |
|      | 760-11268     | Terminal box end panel DE – high c/w airfilters                     | 1   |
|      | 760-11185     | Terminal box end panel DE – std c/w airfilters marine               | 1   |
|      | 760-11268     | Terminal box end panel DE – high c/w a/f ( marine)                  | 1   |
| 19   | 760-11186     | Terminal box side panel – standard                                  | 2   |
|      | 760-11269     | Terminal box side panel – high box                                  | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter                         | 2   |
|      | 760-11269     | Terminal box side panel – high c/w airfilter                        | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter marine                  | 2   |
|      | 760-11269     | Terminal box side panel – high c/w a/f ( marine)                    | 2   |
| 20   | 760-10663     | Terminal box lid – standard /high/airfilter & marine                | 1   |
| 21   | 450-15254     | AVR Cover plate (access)                                            | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                          | 1   |
|      | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                 | 1   |
| 22   | 45-0742       | AVR Mounting bracket                                                | 1   |
| 23   | E000-23412/1P | AVR MX341 (standard series 3)                                       | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                        | 1   |
|      | E000-23212/1P | AVR MX321                                                           | 1   |
|      | E000-23215/1P | AVR MX321 UL                                                        | 1   |
|      | E000-23800    | AVR DM110                                                           | 1   |
|      | A062Y338      | AVR MX322                                                           | 1   |
|      | A060B914      | AVR DECS-150                                                        | 1   |
| 24   | 450-15489     | Auxiliary terminal board                                            | 1   |
| 25   | 45-0324       | Heater Kit 110-125 volt                                             | 1   |
|      | A053M969      | Heater Kit 110-125 volt UL Cert                                     | 1   |
|      | A051Y955      | Heater Kit 110-125v to incl term box for retro                      | 1   |
|      | A053X258      | Heater Kit 110-125v to incl term box for retro UL Cert              | 1   |
|      | 45-0325       | Heater Kit 220-260 volt                                             | 1   |
|      | A053N003      | Heater Kit 220-260 volt UL Cert                                     | 1   |
|      | A040G626      | Heater Kit 220-260v to incl term box for retro                      | 1   |
|      | A053X260      | Heater Kit 220-260v to incl term box for retro UL Cert              | 1   |
|      | 45-1047       | Heater Kit 110-125 volt (g core)                                    | 1   |
|      | A053M999      | Heater Kit 110-125 volt (g core) UL Cert                            | 1   |
|      | A053X422      | Heater Kit 110-125 volt (g core) to incl term box for retro UL Cert | 1   |
|      | 45-1048       | Heater Kit 220-260 volt (g core)                                    | 1   |
|      | A053N109      | Heater Kit 220-260 volt (g core) UL Cert                            | 1   |
|      | A053X401      | Heater Kit 220-260 volt (g core) to incl term box for retro UL Cert | 1   |
| 26   | 45-0024       | Terminal box for heaters                                            | 1   |
| 27   | 760-11160     | DE Bracket A – E                                                    | 1   |
|      | 760-10912     | DE Bracket F – G                                                    | 1   |
|      |               | <b>Continued...</b>                                                 |     |



## P7 A to G – 2 Bearing (Continued)

|    |                |                                                        |     |
|----|----------------|--------------------------------------------------------|-----|
| 28 | 760-11392      | DE Bracket screen top (industrial)                     | 1   |
|    | 760-10930      | DE Bracket screen bottom                               | 1   |
| 29 | 45-1053        | Louvre Kit A – F                                       | 1   |
|    | 45-1054        | Louvre Kit G                                           | 1   |
| 30 | 760-10829      | DE Bearing cartridge A – E                             | 1   |
|    | 760-10923      | DE Bearing cartridge F – G                             | 1   |
| 31 | 45-0335        | DE Regrease bearing Kit A – E                          | 1   |
|    | 45-1154        | DE Regrease Brg Kit c/w caps & cartridges A – E        | 1   |
|    | 45-1077        | NDE & DE Regrease Brg Kit complete A – E               | 1   |
|    | 45-0425        | DE Regrease Bearing Kit F – G                          | 1   |
|    | 45-1155        | DE Regrease Brg Kit c/w caps & cartridges F – G        | 1   |
|    | 45-1078        | NDE & DE Regrease Brg Kit complete F – G               | 1   |
| 32 | 760-10831      | DE Bearing cap A – E                                   | 1   |
|    | 760-10924      | DE Bearing cap F – G                                   | 1   |
| 33 | 45-0715        | 2 Brg adaptor Kit SAE 00 A – E only                    | 1   |
|    | 45-0716        | 2 Brg adaptor Kit SAE 0 A – E only                     | 1   |
|    | A051Y983       | 2 Brg adaptor Kit SAE 0 F – G only                     | 1   |
|    | 45-1038        | 2 Brg adaptor Kit SAE 00 F – G only                    | 1   |
| 34 | Included in 34 | DE cover screen (included in Kits)                     | 1   |
| 35 | 450-42150      | Isolation transformer 2 to 1 (up to 480v)              | 1   |
|    | A040L270       | Isolation transformer 2 to 1 (up to 480v) (UL Cert)    | 1   |
|    | 450-42250      | Isolation transformer 2.5 to 1 (600 to 240v)           | 1   |
|    | A040N063       | Isolation transformer 2.5 to 1 (600 to 240v) (UL Cert) | 1   |
|    | 450-42350      | Isolation transformer 3 to 1 (720 to 240v)             | 1   |
|    | A049N972       | Isolation transformer 3 to 1 (720 to 240v) (UL Cert)   | 1   |
|    | 450-41650      | Isolation transformer 2.5 to 1 (500 to 600v)           | 1   |
|    | TBA            | Isolation transformer 2.5 to 1 (500 to 600v) (UL Cert) | TBA |
|    | 450-41750      | Isolation transformer 3 to 1 (601 to 720v)             | 1   |
|    | TBA            | Isolation transformer 3 to 1 (601 to 720v) (UL Cert)   | TBA |

S7 – 1 Bearing



## S7 – 1 Bearing

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 1    | 45-0119A  | Complete PMG upfit kit                                 | 1   |
| 2    | 760-10562 | PMG Cover (cover included in above kit)                | 1   |
| 3    | 760-11279 | NDE Air inlet cover J core only                        | 1   |
|      | 760-10965 | NDE Air inlet cover J core only (marine)               | 1   |
|      | 760-11005 | NDE Air inlet cover J core only (circular)             | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 5    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 6    | 760-10823 | NDE Bearing cap                                        | 1   |
|      | 760-11026 | NDE Bearing cap for use with hardened cartridge        | 1   |
| 7    | 760-10819 | NDE Bracket C-H core                                   | 1   |
|      | 760-11205 | NDE Bracket J core                                     | 1   |
| 8    | 45-0336   | NDE Regrease bearing kit                               | 1   |
|      | 45-1153   | NDE Regrease brg kit c/w caps & cartridges             | 1   |
|      | 45-0418   | NDE Sealed bearing kit                                 | 1   |
|      | A054Y391  | NDE (Sealed) bearing kit C/W Caps & Cartridges         | 1   |
| 9    | 760-10821 | NDE Bearing cartridge                                  | 1   |
|      | 760-11016 | NDE Bearing cartridge (hardened)                       | 1   |
| 10   | A061L567  | Exciter stator C-G core (75mm)                         | 1   |
|      | 366-15300 | Exciter stator H-J core (100mm)                        | 1   |
| 11   | QMSN      | Main stator frame assy                                 | 1   |
| 12   | 760-11274 | NDE Bottom cover                                       | 1   |
|      | 366-21200 | NDE Bottom cover (marine –louvered)                    | 1   |
|      | 366-21300 | NDE Bottom cover (airfilter)                           | 1   |
| 13   | QMSN      | Main rotor assy                                        | 1   |
| 14   | 760-1186  | Exciter rotor C-G core (75mm)                          | 1   |
|      | 760-1178  | Exciter rotor H-J core (100mm)                         | 1   |
| 15   | 760-11216 | Rotating rectifier assy                                | 1   |
| 16   | RSK-6001  | Diode fwd/rev & varistor kit                           | 1   |
| 17   | QMSN      | Main terminal board                                    | 1   |
| 18   | 760-11185 | Terminal box end panel NDE – standard                  | 1   |
|      | 760-11268 | Terminal box end panel NDE – high box                  | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters        | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w airfilters       | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters marine | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w a/f ( marine)    | 1   |
| 19   | 760-11185 | Terminal box end panel DE – standard                   | 1   |
|      | 760-11268 | Terminal box end panel DE – high box                   | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters         | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w airfilters        | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters marine  | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w a/f ( marine)     | 1   |
|      |           | <b>Continued...</b>                                    |     |

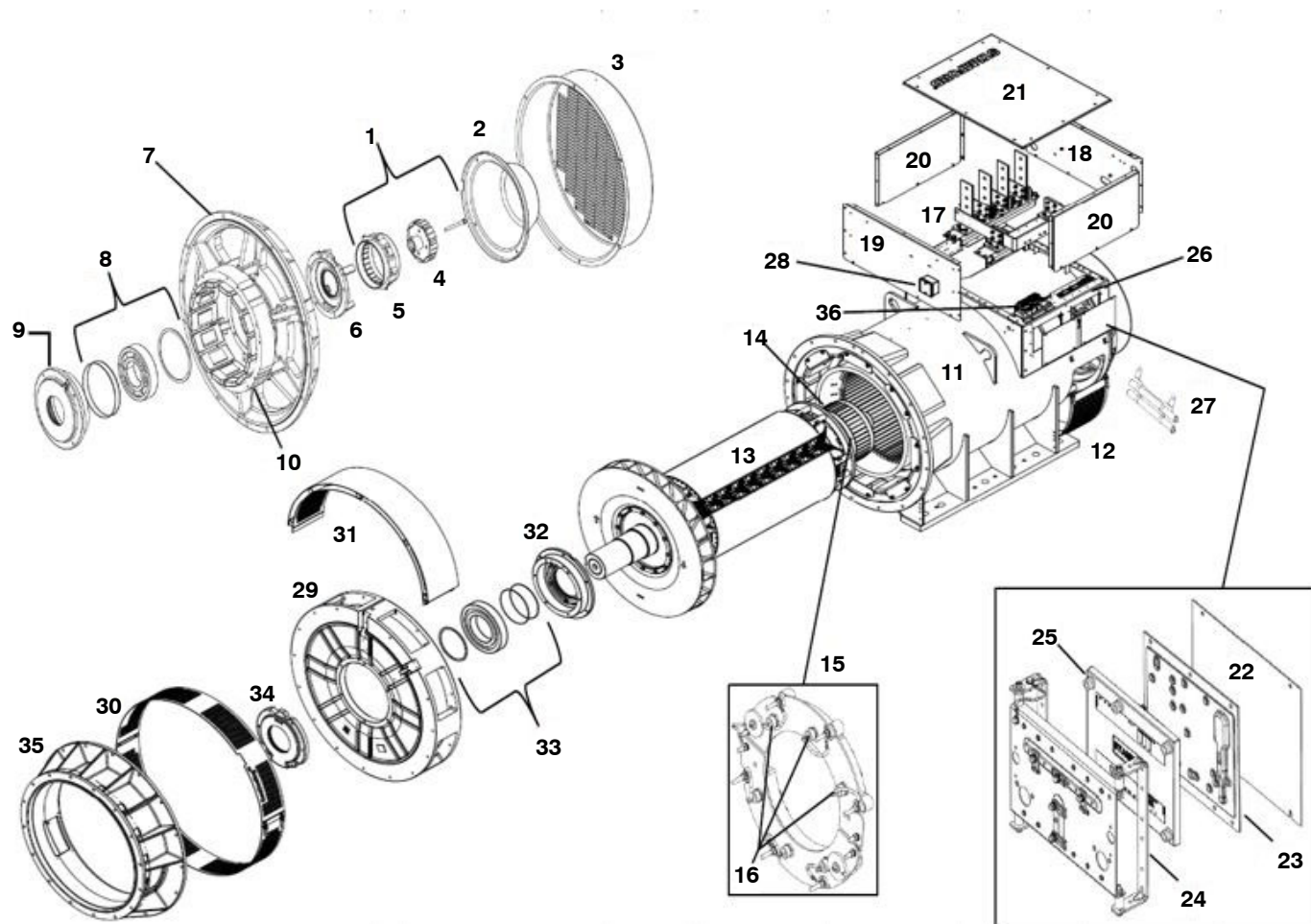
## S7 – 1 Bearing (Continued)

| Item | Part No.      | Description                                                                | Qty |
|------|---------------|----------------------------------------------------------------------------|-----|
| 20   | 760-11186     | Terminal box side panel – standard                                         | 2   |
|      | 760-11269     | Terminal box side panel – high box                                         | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter                                | 2   |
|      | 760-11269     | Terminal box side panel – high c/w airfilter                               | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter marine                         | 2   |
|      | 760-11269     | Terminal box side panel – high c/w a/f ( marine)                           | 2   |
| 21   | 760-10663     | Terminal box lid – standard /high/airfilter & marine                       | 1   |
| 22   | 450-15254     | AVR Cover plate (access)                                                   | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                 | 1   |
| 23   | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                        | 1   |
| 24   | 45-0742       | AVR Mounting bracket                                                       | 1   |
| 25   | E000-23412/1P | AVR MX341                                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                               | 1   |
|      | A062Y338      | AVR MX322                                                                  | 1   |
|      | A060B914      | AVR DECS-150                                                               | 1   |
|      | E000-23800    | AVR DM110                                                                  | 1   |
| 26   | 450-15489     | Auxiliary terminal board                                                   | 1   |
| 27   | 45-0324       | Heater 110-125V                                                            | 1   |
|      | A053M969      | Heater 110-125V UL Cert                                                    | 1   |
|      | A051Y955      | Heater Kit 110-125V to incl term box for retro                             | 1   |
|      | A053X258      | Heater Kit 110-125V to incl term box for retro UL Cert                     | 1   |
|      | 45-0325       | Heater Kit 220-260V                                                        | 1   |
|      | A053N003      | Heater Kit 220-260V UL Cert                                                | 1   |
|      | A040G626      | Heater Kit 220-260V to incl term box for retro                             | 1   |
|      | A053X260      | Heater Kit 220-260V to incl term box for retro UL Cert                     | 1   |
|      | 45-1047       | Heater Kit 110-125V (Four heater cartridges)                               | 1   |
|      | A053M999      | Heater Kit 110-125V (Four heater cartridges) UL Cert                       | 1   |
|      | A053X422      | Heater Kit 110-125V (Four heater cartridges) to incl term box for retro UL | 1   |
|      | 45-1048       | Heater Kit 220-260V (Four heater cartridges)                               | 1   |
|      | A053N109      | Heater Kit 220-260V (Four heater cartridges) UL Cert                       | 1   |
|      | A053X401      | Heater Kit 220-260V (Four heater cartridges) to incl term box for retro UL | 1   |
| 28   | 45-0024       | Terminal box for heaters                                                   | 1   |
| 29   | A062G747      | DE Adaptor kit (SAE 0) (C core)                                            | 1   |
|      | A062G770      | DE Adaptor kit (SAE 0) (D-H core)                                          | 1   |
|      | A062G795      | DE Adaptor kit (SAE 0) (J core)                                            | 1   |
|      | A062G782      | DE Adaptor kit (SAE 00) (C-H core)                                         | 1   |
|      | A062G809      | DE Adaptor kit (SAE 00) (J core)                                           | 1   |
| 30   | See No. 29    | DE Screen (included in adaptor kits)                                       | 1   |
|      |               |                                                                            |     |
|      |               | <b>Continued...</b>                                                        |     |

## S7 – 1 Bearing (Continued)

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 31   | 45-1049   | Louvre Kit SAE 00 (C-H core)                           | 1   |
|      | 45-1050   | Louvre Kit SAE 00 (J core)                             | 1   |
|      | 45-1051   | Louvre Kit SAE 0 (C-H core)                            | 1   |
|      | 45-1052   | Louvre Kit SAE 0 (J core)                              | 1   |
| 32   | 45-0792   | Coupling Kit SAE 18 (standard)                         | 1   |
|      | 45-1005   | Coupling Kit SAE 18 (special 12 hole)                  | 1   |
|      | 45-0793   | Coupling Kit SAE 21                                    | 1   |
|      | 45-0794   | Coupling Kit SAE 24                                    | 1   |
| 33   | 450-42150 | Isolation transformer 2 to 1 (480 to 240V)             | 1   |
|      | A040L270  | Isolation transformer 2 to 1 (480 to 240V) (UL Cert)   | 1   |
|      | 450-41650 | Isolation transformer 2.5 to 1 (600 to 240V)           | 1   |
|      | A040N063  | Isolation transformer 2.5 to 1 (600 to 240V) (UL Cert) | 1   |
|      | 450-41750 | Isolation transformer 3 to 1 (720 to 240V)             | 1   |
|      | A049N972  | Isolation transformer 3 to 1 (720 to 240V) (UL Cert)   | 1   |

## S7 – 2 Bearing



## S7 – 2 Bearing

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 1    | 45-0119A  | Complete PMG upfit kit                                 | 1   |
| 2    | 760-10562 | PMG Cover (cover included in above kit)                | 1   |
| 3    | 760-11279 | NDE Air inlet cover J core only                        | 1   |
|      | 760-10965 | NDE Air inlet cover J core only (marine)               | 1   |
|      | 760-11005 | NDE Air inlet cover J core only (circular)             | 1   |
| 4    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 5    | 45-1082   | Current PMG rotor/stator repair kit                    | 1   |
| 6    | 760-10823 | NDE Bearing cap                                        | 1   |
|      | 760-11026 | NDE Bearing cap for use with hardened cartridge        | 1   |
| 7    | 760-10819 | NDE Bracket C-H core                                   | 1   |
|      | 760-11205 | NDE Bracket J core                                     | 1   |
| 8    | 45-0336   | NDE Regrease bearing kit                               | 1   |
|      | 45-1153   | NDE Regrease brg kit c/w caps & cartridges             | 1   |
|      | 45-0419   | NDE Sealed bearing kit                                 | 1   |
|      | A054Y408  | NDE (Sealed) bearing kit C/W Caps & Cartridges         | 1   |
| 9    | 760-10821 | NDE Bearing cartridge                                  | 1   |
|      | 760-11016 | NDE Bearing cartridge (hardened)                       | 1   |
| 10   | A061L567  | Exciter stator C-G core (75mm)                         | 1   |
|      | 366-15300 | Exciter stator H-J core (100mm)                        | 1   |
| 11   | QMSN      | Main stator frame assy                                 | 1   |
| 12   | 760-11274 | NDE Bottom cover                                       | 1   |
|      | 366-21200 | NDE Bottom cover (marine –louvered)                    | 1   |
|      | 366-21300 | NDE Bottom cover (airfilter)                           | 1   |
| 13   | QMSN      | Main rotor assy                                        | 1   |
| 14   | 760-1186  | Exciter rotor C-G core (75mm)                          | 1   |
|      | 760-1178  | Exciter rotor H-J core (100mm)                         | 1   |
| 15   | 760-11216 | Rotating rectifier assy                                | 1   |
| 16   | RSK-6001  | Diode fwd/rev & varistor kit                           | 1   |
| 17   | QMSN      | Main terminal board                                    | 1   |
| 18   | 760-11185 | Terminal box end panel NDE – standard                  | 1   |
|      | 760-11268 | Terminal box end panel NDE – high box                  | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters        | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w airfilters       | 1   |
|      | 760-11594 | Terminal box end panel NDE – std c/w airfilters marine | 1   |
|      | A041B941  | Terminal box end panel NDE – high c/w a/f ( marine)    | 1   |
| 19   | 760-11185 | Terminal box end panel DE – standard                   | 1   |
|      | 760-11268 | Terminal box end panel DE – high box                   | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters         | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w airfilters        | 1   |
|      | 760-11185 | Terminal box end panel DE – std c/w airfilters marine  | 1   |
|      | 760-11268 | Terminal box end panel DE – high c/w a/f ( marine)     | 1   |
|      |           | <b>Continued...</b>                                    |     |

## S7 – 2 Bearing (Continued)

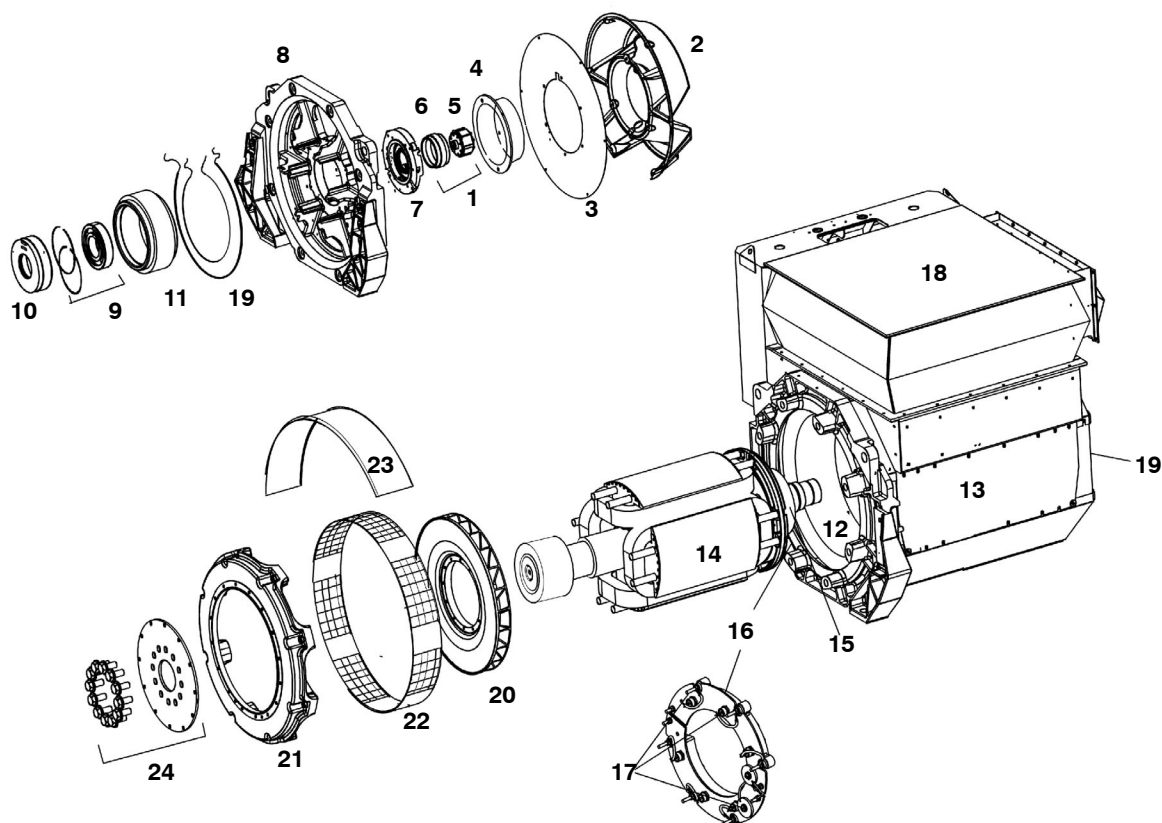
| Item | Part No.      | Description                                                                | Qty |
|------|---------------|----------------------------------------------------------------------------|-----|
| 20   | 760-11186     | Terminal box side panel – standard                                         | 2   |
|      | 760-11269     | Terminal box side panel – high box                                         | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter                                | 2   |
|      | 760-11269     | Terminal box side panel – high c/w airfilter                               | 2   |
|      | 760-11186     | Terminal box side panel – std c/w airfilter marine                         | 2   |
|      | 760-11269     | Terminal box side panel – high c/w a/f ( marine)                           | 2   |
| 21   | 760-10663     | Terminal box lid – standard /high/airfilter & marine                       | 1   |
| 22   | 450-15254     | AVR Cover plate (access)                                                   | 1   |
|      | 450-16417     | AVR Cover plate (access) (EU Machine Dir.)                                 | 1   |
| 23   | 450-16413     | AVR Plastic Cover (EU Machine Dir.)                                        | 1   |
| 24   | 45-0742       | AVR Mounting bracket                                                       | 1   |
| 25   | E000-23412/1P | AVR MX341                                                                  | 1   |
|      | E000-23408/1P | AVR MX341 UL                                                               | 1   |
|      | A062Y338      | AVR MX322                                                                  | 1   |
|      | A060B914      | AVR DECS-150                                                               | 1   |
|      | E000-23800    | AVR DM110                                                                  | 1   |
| 26   | 450-15489     | Auxiliary terminal board                                                   | 1   |
| 27   | 45-0324       | Heater 110-125V                                                            | 1   |
|      | A053M969      | Heater 110-125V UL Cert                                                    | 1   |
|      | A051Y955      | Heater Kit 110-125V to incl term box for retro                             | 1   |
|      | A053X258      | Heater Kit 110-125V to incl term box for retro UL Cert                     | 1   |
|      | 45-0325       | Heater Kit 220-260V                                                        | 1   |
|      | A053N003      | Heater Kit 220-260V UL Cert                                                | 1   |
|      | A040G626      | Heater Kit 220-260V to incl term box for retro                             | 1   |
|      | A053X260      | Heater Kit 220-260V to incl term box for retro UL Cert                     | 1   |
|      | 45-1047       | Heater Kit 110-125V (Four heater cartridges)                               | 1   |
|      | A053M999      | Heater Kit 110-125V (Four heater cartridges) UL Cert                       | 1   |
|      | A053X422      | Heater Kit 110-125V (Four heater cartridges) to incl term box for retro UL | 1   |
|      | 45-1048       | Heater Kit 220-260V (Four heater cartridges)                               | 1   |
|      | A053N109      | Heater Kit 220-260V (Four heater cartridges) UL Cert                       | 1   |
|      | A053X401      | Heater Kit 220-260V (Four heater cartridges) to incl term box for retro UL | 1   |
| 28   | 45-0024       | Terminal box for heaters                                                   | 1   |
| 29   | 760-11160     | DE Bracket (C-F core)                                                      | 1   |
|      | 760-10912     | DE Bracket (G-H core)                                                      | 1   |
|      | A050V498      | DE Bracket (J core)                                                        | 1   |
| 30   | A060W997      | DE Bracket screen top (industrial) (C-H core)                              | 1   |
|      | A060W457      | DE Bracket screen top (industrial) (J core)                                | 1   |
|      | 760-10930     | DE Bracket screen bottom (C-H core)                                        | 1   |
|      | A051A780      | DE Bracket screen bottom (J core)                                          | 1   |
| 31   | 45-1053       | Louvre Kit (C-H core)                                                      | 1   |
|      | 45-1054       | Louvre Kit (J core)                                                        | 1   |
|      |               | <b>Continued...</b>                                                        |     |



## S7 – 2 Bearing (Continued)

| Item | Part No.  | Description                                            | Qty |
|------|-----------|--------------------------------------------------------|-----|
| 32   | 760-10829 | DE Bearing cartridge (C – F core)                      | 1   |
|      | 760-10923 | DE Bearing cartridge (G – J core)                      | 1   |
| 33   | 45-0335   | DE Regrease bearing Kit (C – F core)                   | 1   |
|      | 45-1154   | DE Regrease Brg Kit c/w caps & cartridges (C – F core) | 1   |
|      | 45-1077   | NDE & DE Regrease Brg Kit complete (C – F core)        | 1   |
|      | 45-0425   | DE Regrease Bearing Kit (G – J core)                   | 1   |
|      | 45-1155   | DE Regrease Brg Kit c/w caps & cartridges (G – J core) | 1   |
|      | 45-1078   | NDE & DE Regrease Brg Kit complete (G – J core)        | 1   |
| 34   | 760-10831 | DE Bearing cap (C-F core)                              | 1   |
|      | 760-10924 | DE Bearing cap (G-J core)                              | 1   |
| 35   | 45-0715   | 2 Brg adaptor Kit SAE 00 (C – F core)                  | 1   |
|      | 45-1038   | 2 Brg adaptor Kit SAE 00 (G – H core)                  | 1   |
|      | A054Y386  | 2 Brg adaptor Kit SAE 00 (J core)                      | 1   |
|      | 45-0716   | 2 Brg adaptor Kit SAE 0 (C – F core)                   | 1   |
|      | A051Y983  | 2 Brg adaptor Kit SAE 0 (G – H core)                   | 1   |
|      | A046C895  | 2 Brg adaptor Kit SAE 0 (J core)                       | 1   |
| 36   | 450-42150 | Isolation transformer 2 to 1 (480 to 240V)             | 1   |
|      | A040L270  | Isolation transformer 2 to 1 (480 to 240V) (UL Cert)   | 1   |
|      | 450-41650 | Isolation transformer 2.5 to 1 (600 to 240V)           | 1   |
|      | A040N063  | Isolation transformer 2.5 to 1 (600 to 240V) (UL Cert) | 1   |
|      | 450-41750 | Isolation transformer 3 to 1 (720 to 240V)             | 1   |
|      | A049N972  | Isolation transformer 3 to 1 (720 to 240V) (UL Cert)   | 1   |

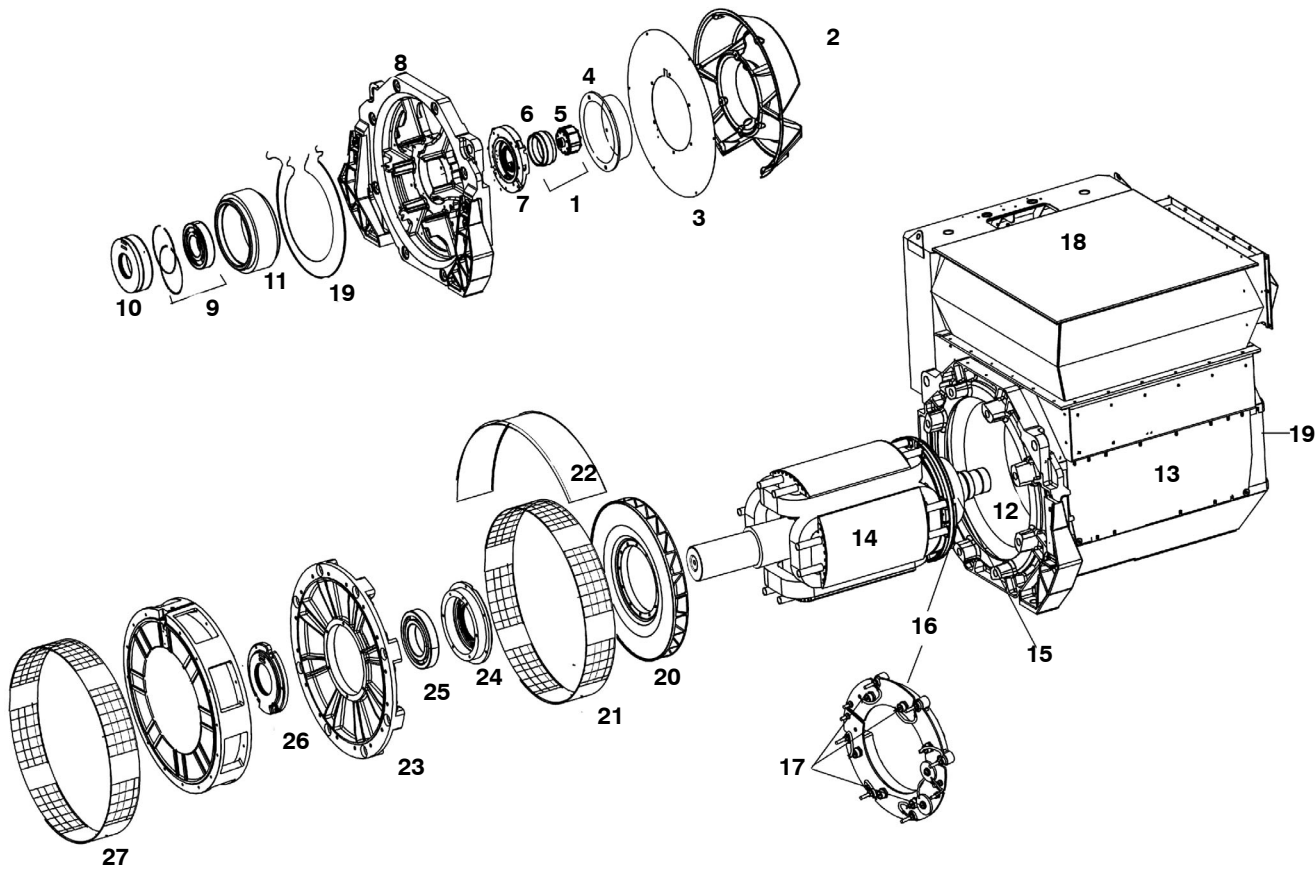
## P80 – 1 Bearing



## P80 – 1 Bearing

| Item | Part No.    | Description                                  | Qty |
|------|-------------|----------------------------------------------|-----|
| 1    | 45-1082     | Complete PMG Kit                             | 1   |
| 2    | 800-30843   | NDE Air inlet cover                          | 1   |
| 3    | 800-30060   | NDE Air inlet screen                         | 1   |
| 4    | 450-14360   | PMG Cover (metal)                            | 1   |
| 5    | SEE ITEM. 1 | Current PMG rotor/stator repair kit          | 1   |
| 6    | SEE ITEM. 1 | Current PMG rotor/stator repair kit          | 1   |
| 7    | 800-30017   | NDE Cap                                      | 1   |
| 8    | 800-30020   | NDE Endbracket                               | 1   |
| 9    | 45-0407     | NDE Bearing Kit                              | 1   |
|      | 45-1118     | NDE Only for all core lengths                | 1   |
| 10   | 800-30015   | NDE Bearing cartridge                        | 1   |
| 11   | 800-1055    | Exciter stator R – T                         | 1   |
|      | 800-1056    | Exciter stator W – Y                         | 1   |
| 12   | QMSN        | Main stator frame assy                       | 1   |
| 13   | QMSN        | Main stator panel work                       | 1   |
| 14   | QMSN        | Main rotor assy                              | 1   |
| 15   | 800-1048    | Exciter rotor R – T                          | 1   |
|      | 800-1049    | Exciter rotor W – Y                          | 1   |
| 16   | 810-1015    | Rectifier assy                               | 1   |
| 17   | RSK-6001    | Diode Fwd/Rev & Varistor Kit                 | 1   |
| 18   | QMSN        | Complete terminal box assy                   | 1   |
| 19   | 45-1029     | Heater Kit                                   | 1   |
| 20   | 800-30049   | Fan (clockwise)                              | 1   |
|      | 800-30014   | Fan (anti-clockwise)                         | 1   |
| 21   | 45-1139     | Adaptor SAE 0                                | 1   |
|      | 45-1140     | Adaptor SAE 00                               | 1   |
|      | 45-1141     | Adaptor special R – T mhi                    | 1   |
| 22   | SEE ITEM 30 | NDE Adaptor screen (included in adaptor kit) | 2   |
| 23   | 800-30186   | Drip proof cover                             | 1   |
| 24   | 45-1144     | Coupling Kit SAE 18                          | 1   |
|      | 45-1145     | Coupling Kit SAE 21                          | 1   |
|      | 45-1146     | Coupling Kit SAE 24                          | 1   |
| 25   | E000-13300  | MA330 AVR (not shown)                        | 1   |
|      | E000-23800  | DM110 AVR (not shown)                        | 1   |
|      | A044W728    | UNITROL 1010 Basic (not shown)               | 1   |
|      | A044W725    | UNITROL 1010 Light (not shown)               | 1   |
|      | A060B914    | AVR DECS-150 (not shown)                     | 1   |

P80 – 2 Bearing



## P80 – 2 Bearing

| Item | Part No.  | Description                                   | Qty |
|------|-----------|-----------------------------------------------|-----|
| 1    | 45-1082   | Complete PMG Kit                              | 1   |
| 2    | 800-30843 | NDE Air inlet cover                           | 1   |
| 3    | 800-30060 | NDE Air inlet screen                          | 1   |
| 4    | 450-14360 | PMG Cover (metal)                             | 1   |
| 5    | See No. 1 | Current PMG rotor/stator repair kit           | 1   |
| 6    | See No. 1 | Current PMG rotor/stator repair kit           | 1   |
| 7    | 800-30017 | NDE Cap                                       | 1   |
| 8    | 800-30020 | NDE Endbracket                                | 1   |
| 9    | 45-0407   | NDE Bearing Kit                               | 1   |
|      | 45-1118   | NDE Only for all core lengths                 | 1   |
| 10   | 800-30015 | NDE Bearing cartridge                         | 1   |
| 11   | 800-1055  | Exciter stator R – T                          | 1   |
|      | 800-1056  | Exciter stator W – Y                          | 1   |
| 12   | QMSN      | Main stator frame assy                        | 1   |
| 13   | QMSN      | Main stator panel work                        | 1   |
| 14   | QMSN      | Main rotor assy                               | 1   |
| 15   | 800-1048  | Exciter rotor R – T                           | 1   |
|      | 800-1049  | Exciter rotor W – Y                           | 1   |
| 16   | 810-1015  | Rectifier assy                                | 1   |
| 17   | RSK-6001  | Diode Fwd/Rev & Varistor Kit                  | 1   |
| 18   | QMSN      | Complete terminal box assy                    | 1   |
| 19   | 45-1029   | Heater Kit                                    | 1   |
| 20   | 800-30049 | Fan (clockwise)                               | 1   |
|      | 800-30014 | Fan (anti-clockwise)                          | 1   |
| 21   | 800-30187 | DE Bracket screen                             | 2   |
| 22   | 800-30186 | Drip proof cover                              | 1   |
| 23   | 800-30022 | DE Bracket R – T                              | 1   |
|      | 800-30165 | DE Bracket W – Y                              | 1   |
| 24   | 800-10475 | DE Bearing cartridge R – T                    | 1   |
|      | 820-10137 | DE Bearing cartridge W – Y                    | 1   |
| 25   | 45-0408   | DE Bearing Kit R – T                          | 1   |
|      | 45-0409   | DE Bearing Kit W – Y                          | 1   |
|      | 45-1119   | DE Bearing Kit c/w caps & cartridges R,S, & T | 1   |
|      | 45-1120   | DE Bearing Kit c/w caps & cartridges W,X & Y  | 1   |
|      | 45-1151   | Both NDE & DE for R,S & T Cores               | 1   |
|      | 45-1152   | Both NDE & DE for W,X & Y Cores               | 1   |
| 26   | 800-10477 | DE Bearing cap R – T                          | 1   |
|      | 820-10138 | DE Bearing cap W – Y                          | 1   |
| 27   | 45-1142   | Adaptor Kit SAE 0 R – T                       | 1   |
|      | 45-1135   | Adaptor Kit SAE 00 R – T (32 hole)            | 1   |
|      | 45-1136   | Adaptor Kit SAE 0 W – Y                       | 1   |
|      | 45-1137   | Adaptor Kit SAE 00 W – Y                      | 1   |

## P80 – 2 Bearing (Continued)

| Item | Part No.    | Description                              | Qty |
|------|-------------|------------------------------------------|-----|
|      | 45-1138     | Adaptor Kit SAE 00 W – Y (32 hole)       | 1   |
| 28   | SEE ITEM 27 | Adaptor screen (included in adaptor kit) | 1   |
| 29   | E000-13300  | MA330 AVR (not shown)                    | 1   |
|      | E000-23800  | DM110 AVR (not shown)                    | 1   |
|      | A044W728    | UNITROL 1010 Basic (not shown)           | 1   |
|      | A044W725    | UNITROL 1010 Light (not shown)           | 1   |
|      | A060B914    | AVR DECS-150 (not shown)                 | 1   |

## ACCESSORIES

| Range   | Description                         | Part Number | Comments                          |
|---------|-------------------------------------|-------------|-----------------------------------|
|         | <b>DROOP KITS</b>                   |             |                                   |
| UC      | DROOP KIT                           | 45-0092     |                                   |
| ALL BC  | DROOP KIT                           | 45-0193     |                                   |
| HC4/S4  | DROOP KIT                           | 45-0583     |                                   |
| HC5     | DROOP KIT                           | 45-0588     |                                   |
| HC5     | DROOP TRANSFORMER FOR DM110         | 520-11000   |                                   |
| HC5     | DROOP TRANSFORMER FOR DM110 UL CERT | A048U394    |                                   |
| S5      | Analog Droop Kit                    | A048G245    |                                   |
| S5      | Droop CT for Digital AVR            | A048G245    |                                   |
| HC6 & 7 | DROOP KIT                           | 45-0691     |                                   |
| HC6     | DROOP TRANSFORMER FOR DM110         | 660-11621   |                                   |
| HC6     | DROOP TRANSFORMER FOR DM110 UL CERT | A048L326    |                                   |
| P7      | DROOP KIT                           | 45-1024     | 4 Pole = Amp 1200-1999, 2400-4000 |
|         |                                     |             | 6 Pole = Amp 900-1499, 1800-3000  |
| P7      | DROOP KIT                           | 45-1056     | 4 Pole = Amp < 1200, 2000-2399    |
|         |                                     |             | 6 Pole = Amp < 900, 1500-1799     |
| P7      | DROOP TRANSFORMER FOR DM110         | 760-11572   |                                   |
| P7      | DROOP TRANSFORMER FOR DM110 UL CERT | A048G245    |                                   |
|         |                                     |             |                                   |
|         | <b>AIRFILTER KITS</b>               |             |                                   |
| UC22    | AIRFILTER KIT                       | 45-0875     |                                   |
| UC27    | AIRFILTER KIT                       | 45-0878     | To end of October 2005            |
| ALL BC  | AIRFILTER KIT                       | 45-0769     | From November 2005                |
| HC4/S4  | AIRFILTER KIT                       | 45-0883     |                                   |
| HC5     | AIRFILTER KIT                       | 45-0315     |                                   |
| P7      | AIRFILTER KIT                       | 45-1023     | Standard Terminal Box Industrial  |
| P7      | AIRFILTER KIT                       | 45-1039     | Standard Terminal Box Marine      |
| P7      | AIRFILTER KIT                       | 45-1062     | High Terminal Box Industrial      |
| P7      | AIRFILTER KIT                       | 45-1063     | High Terminal Box Marine          |
| P7      | AIRFILTER KIT                       | G CORE      | Not currently covered by a kit    |
|         |                                     |             |                                   |
|         | <b>TERMINAL BOX ASSY</b>            |             |                                   |
| ALL BC  | TERMINAL BOX STD ASSY               | 45-0861     |                                   |
| ALL BC  | TERMINAL BOX STD ASSY               | 45-1027     |                                   |

|                   |                                                    |              |                   |
|-------------------|----------------------------------------------------|--------------|-------------------|
| BC184 H-J<br>CORE | 3PH TERMINAL BOX KIT                               | 45-1040      |                   |
| UC27              | TERMINAL BOX KIT                                   | 45-0890      |                   |
|                   |                                                    |              |                   |
|                   | <b>POWER FACTOR CONTROLLER</b>                     |              |                   |
| ALL RANGES        | PCB VERSION                                        | E000-22090   |                   |
| ALL RANGES        | COMPLETE ASSEMBLY IN STEEL                         | E000-12090   |                   |
|                   |                                                    |              |                   |
|                   | <b>ELECTRONIC MODULES</b>                          |              |                   |
| ALL RANGES        | FREQUENCY DETECTION MOD-<br>ULE 12V                | E000-21041   |                   |
| ALL RANGES        | FREQUENCY DETECTION MOD-<br>ULE 24V                | E000-21042   |                   |
| ALL RANGES        | EXCITATION LOSS:24V                                | E000-22062   |                   |
| ALL RANGES        | EXCITATION LOSS:12V                                | E000-22063   |                   |
| ALL RANGES        | MANUAL VOLTAGE REGULATOR                           | 450-11400    | UPFIT KIT 45-0506 |
| ALL RANGES        | DIODE FAILURE DETECTOR                             | E000-12025   |                   |
| ALL RANGES        | RFI SUPPRESSION ASSY                               | E000-22080   |                   |
| ALL RANGES        | 3-PH RECTIFIER ASSY                                | E000-22016   |                   |
|                   |                                                    |              |                   |
|                   | <b>HAND TRIMMERS</b>                               |              |                   |
|                   | FOR MX321/SX421                                    | 071-01037    |                   |
|                   | FOR MX341,SX440/465/460 AS440                      | 071-01649    |                   |
|                   |                                                    |              |                   |
|                   | <b>ISOLATION TRANSFORMERS</b>                      |              |                   |
| UC22              | 1:1 TRANSFORMER ASSEMBLY                           | E000-22070/P |                   |
| UC27              | 1:1 TRANSFORMER ASSEMBLY                           | E000-22070/P |                   |
| HC4/S4            | 1:1 TRANSFORMER ASSEMBLY                           | E000-22070/P |                   |
| HC5               | 1:1 TRANSFORMER ASSEMBLY                           | E000-22070/P |                   |
| HC6 & HC7         | 2:1 ISOLATION TRANSFORMER &<br>BRKT ASSY 480:240   | 450-42100    |                   |
| HC6 & HC7         | 2.5:1 ISOLATION TRANSFORMER &<br>BRKT ASSY 600:240 | 450-42200    |                   |
| HC6 & HC7         | 3:1 ISOLATION TRANSFORMER &<br>BRKT ASSY 720:240   | 450-42300    |                   |
|                   |                                                    |              |                   |
|                   | <b>BEARING RTD'S</b>                               |              |                   |
| P7                | NDE RTD KIT                                        | 45-1097      |                   |
| P7                | DE RTD KIT                                         | 45-1096      |                   |
| P7                | NDE & DE RTD KIT                                   | 45-1095      |                   |



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| 190-10044, <b>14</b>                                                   |             | 230-10568, <b>41</b> , <b>45</b>                                        |             | 330-10612, <b>38</b> , <b>50</b> , <b>54</b>                                                                                                       |             | 410-10785, <b>57</b> , <b>61</b> , <b>65</b> , <b>69</b> ,<br><b>73</b>                                                                                                                                                                                                                                              |             |
| 190-1038, <b>9</b> , <b>13</b>                                         |             | 230-10571, <b>41</b> , <b>45</b>                                        |             | 330-10613, <b>38</b> , <b>50</b> , <b>54</b>                                                                                                       |             | 410-10786, <b>58</b> , <b>62</b> , <b>65</b> , <b>69</b> ,<br><b>73</b>                                                                                                                                                                                                                                              |             |
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