



# Technical Service Bulletin

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|-------------------------------------------------------|-----------------------------------|
| <b>Technical Service Bulletin:</b><br>TSB190032       | <b>Released Date:</b> 22-Feb-2019 |
| <b>Campaign #3695: HGJBB Enclosure Bolts Breaking</b> |                                   |

## Campaign #3695: HGJBB Enclosure Bolts Breaking

### Warranty Statement

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The information in this document authorizes specific changes to the repair practice for failures covered under product warranty coverages.

### Contents

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#### Product Affected

- HGJBB Spec B
- Only certain serial numbers are affected within this population so be sure to check the list of suspect serial numbers at the end of this document. See Table 2.

#### Issue

Symptom:

- The bolts that are used to fasten the enclosure onto the generator set are either fractured or missing
- The bolts sometimes appear to be in tact and then break upon removal

Root Cause:

- The bolts are suspected to be failing due to hydrogen embrittlement. The production factory and the aftermarket channel have both been purged of suspect bolts.

#### Verification/Confirmation

Using the steps below, inspect all five bolts that are used to fasten the enclosure onto the generator set. Figure 1 shows two of the five bolts that need to be inspected.

Inspection Instructions:

- Unscrew each bolt to remove it entirely
- Examine each bolt for fractures, such as the broken bolt seen in Figure 2.
- Re-install each good bolt by torqueing it to 10-12.5 Nm

If a bolt is found to be broken or missing, follow the steps given in the resolution section of this document.

 GRAPHIC NOT

Figure 1, Enclosure Bolts

 GRAPHIC NOT

Figure 2, Broken Bolt

## Resolution

If a bolt is broken or missing, inspect the associated clip (Figure 3) to see if a piece of the bolt has broken off in the clip. Discard any broken bolts and any clips with bolts stuck in them, as seen in Figure 4. Replace any discarded bolts with part number 0823-0015, and replace any discarded clips with part number 0870-0542. Torque replacement bolts to 10-12.5 Nm.

 GRAPHIC NOT

Figure 3, Clip

 GRAPHIC NOT

Figure 4, Broken Bolt in Clip

## Service Instructions

Campaign Filing Instructions:

Fail Code: YE ML BR

Account Code: 65

Authorization code: 3695

Applicable SRT's:

00-901: 0.4 hours – Administrative time (shop)

99-999: 0.2 hours – Inspect for broken bolts

99-999: 0.1 hours – Replace broken bolts and clips (if applicable)

00-1AE: 2.2 hours – Generator set R&I (if applicable)

Parts: Reimbursement for up to QTY 5 enclosure bolts (0823-0015) and QTY 5 clips (0870-0542)

Travel: No travel is included

Expiration Date: February 14, 2021

### Service Parts Availability

Service parts are available. See Table 1 for part numbers.

| <b>Table 1, Service Parts</b> |                             |
|-------------------------------|-----------------------------|
| <b>Part Description</b>       | <b>Existing Part Number</b> |
| Screw, Torx                   | 0823-0015                   |
| Nut, Self Retaining (Clip)    | 0870-0542                   |

### Affected Generator Set Serial Numbers

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| F180376<br>592                          | K180441<br>706 | G180382<br>128 | I1804177<br>81 | J1804371<br>89 | I1804103<br>01 | L180456<br>890 |
| F180376<br>598                          | K180441<br>707 | G180382<br>129 | I1804177<br>82 | J1804371<br>90 | I1804126<br>11 | L180456<br>891 |
| F180376<br>605                          | K180445<br>671 | G180382<br>130 | I1804177<br>83 | J1804371<br>91 | I1804126<br>12 | L180456<br>892 |
| F180376<br>606                          | K180445<br>673 | G180382<br>131 | I1804177<br>84 | J1804371<br>92 | I1804126<br>13 | L180456<br>895 |
| F180376<br>607                          | K180445<br>676 | G180382<br>132 | I1804177<br>85 | J1804371<br>93 | I1804126<br>14 | L180456<br>896 |
| G180378<br>190                          | K180445<br>682 | G180382<br>133 | I1804177<br>86 | J1804371<br>94 | I1804126<br>15 | L180456<br>897 |
| G180378<br>192                          | K180445<br>769 | G180382<br>134 | I1804177<br>88 | J1804371<br>96 | I1804126<br>16 | L180456<br>898 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| G180378<br>193                          | K180445<br>771 | G180382<br>135 | I1804179<br>21 | J1804372<br>01 | I1804126<br>17 | L180456<br>899 |
| G180378<br>199                          | K180445<br>784 | H180397<br>787 | I1804179<br>23 | J1804372<br>05 | I1804126<br>18 | I1804175<br>86 |
| G180378<br>200                          | K180445<br>786 | H180397<br>789 | I1804179<br>24 | J1804372<br>06 | I1804126<br>26 | I1804175<br>87 |
| I1804132<br>90                          | K180445<br>787 | H180397<br>802 | I1804179<br>25 | J1804372<br>07 | I1804126<br>42 | I1804175<br>88 |
| J1804214<br>39                          | K180445<br>789 | H180397<br>803 | I1804179<br>36 | J1804372<br>08 | I1804126<br>45 | I1804175<br>89 |
| K180447<br>622                          | K180445<br>790 | H180397<br>804 | I1804181<br>76 | J1804372<br>09 | I1804182<br>10 | I1804175<br>90 |
| H180397<br>103                          | K180445<br>791 | H180397<br>805 | I1804181<br>79 | J1804372<br>15 | I1804181<br>69 | I1804175<br>91 |
| H180397<br>105                          | K180445<br>795 | H180397<br>806 | I1804181<br>81 | J1804372<br>16 | I1804222<br>64 | I1804175<br>92 |
| I1804138<br>49                          | K180445<br>798 | H180397<br>810 | I1804181<br>82 | J1804372<br>19 | I1804222<br>67 | I1804175<br>93 |
| I1804138<br>53                          | K180445<br>799 | H180397<br>811 | I1804181<br>83 | J1804372<br>20 | I1804222<br>70 | I1804175<br>94 |
| I1804138<br>54                          | K180445<br>800 | H180397<br>812 | I1804181<br>84 | K180441<br>136 | J1804257<br>75 | I1804175<br>95 |
| J1804214<br>38                          | K180445<br>802 | H180397<br>813 | I1804181<br>85 | K180441<br>138 | K180437<br>578 | I1804175<br>96 |
| J1804214<br>41                          | K180445<br>803 | H180397<br>814 | I1804181<br>86 | K180441<br>139 | K180437<br>580 | I1804175<br>97 |
| J1804214<br>43                          | K180445<br>805 | H180397<br>816 | I1804181<br>87 | K180441<br>141 | K180437<br>581 | I1804175<br>98 |
| J1804214<br>45                          | K180445<br>806 | H180397<br>817 | I1804181<br>89 | K180441<br>142 | K180437<br>582 | I1804175<br>99 |
| H180397<br>490                          | K180445<br>807 | H180401<br>148 | J1804253<br>73 | K180441<br>143 | K180437<br>583 | I1804176<br>00 |
| H180397<br>495                          | K180445<br>808 | H180401<br>153 | J1804253<br>74 | K180441<br>144 | K180437<br>585 | I1804176<br>01 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| I1804132<br>88                          | K180445<br>809 | H180401<br>171 | J1804253<br>75 | K180441<br>145 | K180437<br>586 | I1804176<br>02 |
| I1804132<br>91                          | K180445<br>810 | H180401<br>172 | J1804253<br>76 | K180441<br>146 | K180437<br>587 | I1804176<br>03 |
| I1804132<br>92                          | K180445<br>811 | H180401<br>173 | J1804253<br>77 | K180441<br>147 | K180437<br>588 | I1804176<br>04 |
| I1804132<br>94                          | K180445<br>812 | H180401<br>174 | J1804253<br>78 | K180441<br>148 | K180437<br>591 | I1804176<br>05 |
| K180445<br>770                          | K180447<br>616 | H180401<br>175 | J1804253<br>91 | K180441<br>149 | K180437<br>592 | I1804176<br>06 |
| H180397<br>102                          | K180447<br>617 | H180401<br>176 | J1804255<br>79 | K180441<br>151 | I1804102<br>94 | I1804176<br>07 |
| H180397<br>107                          | K180447<br>618 | H180401<br>177 | J1804255<br>80 | K180441<br>153 | J1804257<br>76 | I1804176<br>08 |
| H180397<br>493                          | J1804172<br>02 | H180401<br>178 | J1804255<br>81 | K180441<br>154 | J1804257<br>78 | I1804176<br>09 |
| H180397<br>496                          | J1804214<br>42 | I1804126<br>83 | J1804255<br>82 | K180441<br>156 | K180437<br>579 | I1804181<br>30 |
| H180397<br>492                          | J1804214<br>44 | I1804126<br>91 | J1804255<br>84 | K180441<br>158 | K180442<br>006 | I1804181<br>31 |
| H180397<br>494                          | K180445<br>669 | I1804126<br>92 | J1804255<br>85 | K180441<br>159 | K180442<br>007 | I1804181<br>38 |
| I1804132<br>89                          | K180445<br>670 | I1804126<br>98 | J1804371<br>78 | J1804256<br>81 | K180442<br>008 | I1804181<br>40 |
| I1804138<br>47                          | K180445<br>772 | I1804132<br>79 | J1804371<br>82 | J1804253<br>71 | K180442<br>010 | I1804181<br>42 |
| I1804138<br>51                          | K180445<br>792 | I1804132<br>80 | J1804371<br>83 | J1804253<br>72 | K180442<br>014 | I1804181<br>43 |
| I1804138<br>50                          | K180445<br>794 | I1804132<br>81 | J1804371<br>84 | J1804253<br>79 | K180442<br>015 | I1804181<br>46 |
| I1804138<br>48                          | K180445<br>801 | I1804132<br>82 | J1804371<br>85 | J1804253<br>80 | K180442<br>016 | I1804181<br>47 |
| I1804138<br>52                          | K180445<br>804 | I1804132<br>83 | J1804371<br>97 | J1804253<br>81 | K180442<br>017 | I1804181<br>50 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| I1804132<br>93                          | K180447<br>620 | I1804132<br>84 | J1804372<br>21 | J1804253<br>82 | K180442<br>018 | I1804181<br>51 |
| J1804172<br>00                          | K180445<br>672 | I1804132<br>86 | K180441<br>137 | J1804253<br>83 | K180442<br>019 | I1804181<br>52 |
| J1804172<br>05                          | K180445<br>674 | I1804181<br>90 | K180441<br>140 | J1804253<br>84 | K180442<br>020 | I1804181<br>53 |
| J1804172<br>04                          | H180397<br>794 | G180383<br>683 | K180441<br>150 | J1804253<br>85 | K180442<br>021 | H180406<br>086 |
| J1804171<br>98                          | I1804174<br>19 | G180383<br>684 | K180441<br>155 | J1804253<br>86 | K180442<br>009 | H180406<br>088 |
| I1804132<br>87                          | I1804174<br>20 | G180385<br>655 | I1804179<br>14 | J1804253<br>88 | K180442<br>012 | H180406<br>093 |
| J1804171<br>99                          | I1804177<br>89 | G180385<br>660 | I1804179<br>15 | J1804253<br>89 | K180446<br>970 | H180406<br>095 |
| J1804172<br>03                          | I1804179<br>16 | G180385<br>662 | I1804179<br>17 | J1804253<br>92 | K180446<br>972 | I1804078<br>90 |
| J1804214<br>46                          | I1804179<br>18 | G180385<br>664 | I1804179<br>22 | J1804255<br>83 | K180446<br>973 | I1804078<br>92 |
| J1804214<br>47                          | I1804179<br>19 | G180385<br>665 | I1804179<br>27 | J1804371<br>75 | K180446<br>974 | I1804078<br>96 |
| J1804214<br>48                          | I1804179<br>20 | H180385<br>016 | I1804179<br>28 | J1804371<br>77 | K180446<br>975 | I1804079<br>00 |
| J1804214<br>49                          | I1804179<br>26 | H180385<br>017 | I1804179<br>29 | J1804371<br>80 | K180446<br>984 | I1804102<br>60 |
| J1804214<br>50                          | I1804179<br>31 | H180385<br>019 | I1804179<br>34 | J1804371<br>81 | K180447<br>544 | I1804102<br>61 |
| J1804214<br>51                          | I1804179<br>32 | H180385<br>024 | I1804179<br>35 | J1804371<br>86 | K180447<br>545 | I1804102<br>68 |
| J1804214<br>52                          | I1804179<br>33 | H180385<br>029 | I1804179<br>37 | J1804371<br>87 | K180447<br>546 | I1804102<br>70 |
| J1804214<br>53                          | I1804181<br>95 | H180393<br>293 | I1804181<br>74 | J1804371<br>95 | K180447<br>548 | I1804102<br>76 |
| J1804252<br>81                          | J1804212<br>82 | H180397<br>556 | I1804181<br>75 | J1804371<br>98 | K180447<br>550 | I1804102<br>77 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| J1804252<br>82                          | J1804212<br>86 | H180397<br>801 | I1804181<br>77 | J1804371<br>99 | K180447<br>551 | I1804102<br>78 |
| J1804252<br>83                          | J1804212<br>87 | I1804126<br>84 | I1804181<br>78 | J1804372<br>00 | K180447<br>553 | I1804102<br>79 |
| J1804252<br>85                          | J1804213<br>01 | I1804126<br>85 | I1804181<br>80 | J1804372<br>02 | K180447<br>555 | I1804102<br>80 |
| J1804253<br>47                          | J1804213<br>02 | I1804126<br>86 | I1804181<br>88 | J1804372<br>03 | K180447<br>556 | I1804102<br>81 |
| J1804253<br>49                          | J1804213<br>03 | I1804126<br>87 | H180397<br>800 | J1804372<br>04 | K180447<br>557 | I1804102<br>82 |
| J1804253<br>52                          | H180397<br>796 | I1804126<br>88 | H180397<br>798 | J1804372<br>10 | K180447<br>558 | I1804102<br>83 |
| K180441<br>702                          | I1804174<br>23 | I1804126<br>89 | I1804181<br>91 | J1804372<br>11 | K180447<br>559 | J1804213<br>98 |
| K180441<br>703                          | J1804255<br>76 | I1804126<br>90 | H180393<br>296 | J1804372<br>12 | K180447<br>608 | J1804213<br>99 |
| K180441<br>704                          | J1804256<br>71 | I1804126<br>93 | I1804179<br>30 | J1804372<br>13 | K180447<br>609 | J1804214<br>00 |
| K180441<br>708                          | H180397<br>390 | I1804126<br>94 | H180384<br>968 | J1804372<br>14 | K180447<br>610 | J1804214<br>01 |
| K180445<br>675                          | H180397<br>391 | I1804126<br>95 | J1804212<br>90 | J1804372<br>17 | K180447<br>611 | J1804214<br>03 |
| K180445<br>677                          | J1804213<br>93 | I1804126<br>96 | I1804174<br>14 | J1804372<br>18 | K180447<br>612 | J1804214<br>04 |
| K180445<br>678                          | J1804213<br>96 | I1804126<br>97 | I1804174<br>15 | J1804255<br>77 | K180447<br>613 | J1804214<br>05 |
| K180445<br>679                          | I1804132<br>85 | I1804174<br>28 | I1804174<br>16 | K180441<br>152 | K180447<br>614 | J1804248<br>31 |
| K180445<br>680                          | I1804181<br>92 | J1804212<br>83 | I1804174<br>17 | K180441<br>157 | K180447<br>615 | J1804248<br>42 |
| K180445<br>681                          | I1804181<br>93 | J1804212<br>84 | I1804174<br>18 | J1804255<br>75 | I1804126<br>32 | J1804248<br>44 |
| K180445<br>683                          | I1804181<br>94 | J1804212<br>85 | I1804174<br>24 | J1804255<br>78 | I1804126<br>34 | J1804248<br>45 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| K180445<br>684                          | I1804181<br>96 | J1804212<br>88 | I1804174<br>25 | J1804253<br>90 | I1804126<br>36 | J1804248<br>46 |
| K180445<br>685                          | I1804181<br>97 | J1804212<br>89 | I1804174<br>26 | J1804213<br>87 | I1804126<br>37 | J1804248<br>47 |
| K180445<br>766                          | G180385<br>652 | J1804212<br>91 | I1804174<br>27 | J1804213<br>91 | K180446<br>966 | J1804291<br>28 |
| K180445<br>767                          | G180385<br>653 | J1804212<br>92 | I1804174<br>29 | J1804290<br>68 | K180446<br>967 | J1804298<br>77 |
| K180445<br>768                          | G180385<br>654 | J1804212<br>93 | I1804177<br>72 | J1804290<br>69 | K180446<br>968 | J1804298<br>78 |
| K180445<br>773                          | G180385<br>656 | J1804212<br>94 | I1804177<br>87 | J1804290<br>70 | K180446<br>969 | J1804298<br>79 |
| K180445<br>775                          | G180385<br>657 | J1804212<br>95 | I1804174<br>22 | J1804290<br>71 | K180446<br>971 | J1804298<br>80 |
| K180445<br>776                          | G180385<br>661 | J1804212<br>96 | I1804174<br>21 | H180402<br>660 | K180446<br>982 | J1804298<br>81 |
| K180445<br>777                          | H180384<br>967 | J1804212<br>97 | J1804255<br>87 | H180402<br>661 | K180446<br>983 | J1804298<br>82 |
| K180445<br>778                          | H180384<br>969 | J1804212<br>98 | J1804255<br>88 | H180402<br>756 | K180446<br>985 | J1804298<br>83 |
| K180445<br>779                          | H180384<br>970 | J1804212<br>99 | J1804255<br>89 | H180402<br>757 | K180446<br>986 | J1804298<br>86 |
| K180445<br>780                          | H180384<br>971 | J1804213<br>00 | J1804255<br>90 | H180402<br>758 | K180446<br>987 | J1804298<br>87 |
| K180445<br>781                          | H180384<br>973 | J1804213<br>04 | J1804256<br>67 | H180402<br>759 | K180446<br>988 | J1804298<br>88 |
| K180445<br>783                          | H180385<br>022 | J1804213<br>05 | J1804256<br>68 | H180402<br>761 | K180446<br>989 | J1804298<br>89 |
| K180445<br>785                          | H180385<br>023 | J1804240<br>34 | J1804256<br>69 | H180402<br>763 | L180449<br>964 | J1804298<br>90 |
| K180445<br>788                          | H180385<br>025 | J1804240<br>35 | J1804256<br>70 | I1804126<br>31 | L180449<br>971 | J1804298<br>91 |
| K180445<br>793                          | H180385<br>026 | J1804240<br>36 | J1804256<br>72 | I1804126<br>46 | L180449<br>972 | J1804298<br>92 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| K180445<br>796                          | H180385<br>027 | J1804240<br>37 | J1804256<br>74 | I1804182<br>00 | L180449<br>973 | J1804299<br>01 |
| K180445<br>797                          | H180385<br>028 | J1804240<br>38 | J1804255<br>71 | I1804182<br>02 | L180449<br>974 | J1804299<br>03 |
| K180447<br>619                          | H180393<br>292 | J1804240<br>39 | J1804255<br>74 | I1804181<br>98 | L180449<br>975 | J1804299<br>04 |
| K180445<br>774                          | H180393<br>294 | J1804240<br>40 | J1804255<br>91 | I1804181<br>99 | L180449<br>976 | J1804299<br>05 |
| J1804172<br>01                          | H180397<br>559 | J1804240<br>41 | J1804255<br>92 | I1804182<br>01 | L180449<br>977 | J1804299<br>11 |
| J1804214<br>40                          | H180401<br>115 | J1804256<br>75 | J1804255<br>94 | I1804182<br>13 | L180449<br>981 | J1804299<br>12 |
| J1804252<br>79                          | H180401<br>116 | J1804256<br>76 | J1804255<br>86 | I1804181<br>72 | L180449<br>982 | J1804299<br>13 |
| J1804252<br>80                          | H180401<br>117 | J1804256<br>77 | J1804256<br>73 | I1804182<br>03 | L180449<br>983 | J1804299<br>16 |
| J1804252<br>84                          | H180401<br>118 | J1804256<br>78 | J1804213<br>82 | I1804182<br>04 | L180449<br>984 | H180401<br>091 |
| J1804253<br>46                          | H180401<br>119 | J1804256<br>79 | J1804213<br>83 | I1804182<br>05 | L180453<br>047 | H180401<br>095 |
| J1804253<br>48                          | H180401<br>126 | J1804256<br>80 | J1804213<br>84 | I1804182<br>12 | L180453<br>048 | I1804078<br>81 |
| J1804253<br>50                          | H180401<br>127 | J1804256<br>82 | J1804213<br>85 | I1804222<br>63 | L180453<br>049 | I1804078<br>85 |
| J1804253<br>51                          | H180401<br>128 | H180397<br>799 | J1804213<br>86 | I1804222<br>65 | L180453<br>050 | I1804078<br>86 |
| J1804253<br>53                          | H180401<br>129 | H180397<br>795 | J1804213<br>88 | I1804222<br>68 | L180453<br>051 | I1804078<br>87 |
| J1804253<br>54                          | H180401<br>130 | H180397<br>797 | J1804213<br>89 | J1804210<br>51 | L180453<br>052 | I1804078<br>88 |
| K180441<br>685                          | H180401<br>132 | H180397<br>807 | J1804240<br>42 | J1804210<br>52 | L180453<br>053 | I1804078<br>89 |
| K180441<br>686                          | H180401<br>133 | H180397<br>808 | J1804240<br>43 | J1804210<br>53 | L180453<br>054 | I1804078<br>91 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| K180441<br>687                          | G180376<br>219 | H180397<br>809 | J1804240<br>44 | J1804210<br>54 | L180453<br>055 | I1804078<br>98 |
| K180441<br>688                          | G180379<br>033 | H180397<br>815 | J1804240<br>45 | J1804210<br>55 | L180453<br>056 | I1804181<br>35 |
| K180441<br>689                          | G180379<br>085 | I1804177<br>66 | J1804240<br>46 | J1804210<br>56 | L180453<br>057 | I1804181<br>48 |
| K180441<br>690                          | G180379<br>087 | I1804177<br>67 | J1804240<br>47 | J1804210<br>57 | L180453<br>059 | J1804202<br>06 |
| K180441<br>691                          | G180379<br>090 | I1804177<br>68 | J1804240<br>48 | J1804210<br>59 | L180453<br>062 | J1804202<br>07 |
| K180441<br>692                          | G180379<br>092 | I1804177<br>69 | J1804240<br>49 | J1804210<br>62 | L180453<br>063 | J1804202<br>08 |
| K180441<br>693                          | G180380<br>036 | I1804177<br>70 | J1804253<br>87 | J1804210<br>63 | L180453<br>064 | J1804202<br>09 |
| K180441<br>694                          | G180380<br>038 | I1804177<br>71 | J1804253<br>93 | J1804210<br>64 | L180453<br>065 | J1804202<br>10 |
| K180441<br>695                          | G180380<br>042 | I1804177<br>73 | J1804253<br>94 | J1804210<br>65 | L180453<br>066 | J1804202<br>11 |
| K180441<br>696                          | G180380<br>044 | I1804177<br>74 | J1804255<br>72 | I1804181<br>66 | L180453<br>067 | J1804202<br>12 |
| K180441<br>697                          | G180380<br>045 | I1804177<br>75 | J1804255<br>73 | I1804181<br>70 | L180453<br>068 | J1804202<br>13 |
| K180441<br>698                          | G180380<br>046 | I1804177<br>76 | J1804255<br>93 | I1804222<br>66 | L180453<br>069 | J1804202<br>14 |
| K180441<br>699                          | G180380<br>047 | I1804177<br>77 | J1804371<br>74 | I1804222<br>69 | L180453<br>160 | J1804202<br>15 |
| K180441<br>700                          | G180380<br>049 | I1804177<br>78 | J1804371<br>76 | I1804083<br>88 | L180456<br>887 | J1804202<br>17 |
| K180441<br>701                          | G180382<br>113 | I1804177<br>79 | J1804371<br>79 | I1804102<br>95 | L180456<br>888 | J1804202<br>18 |
| K180441<br>705                          | G180382<br>116 | I1804177<br>80 | J1804371<br>88 | I1804103<br>00 | L180456<br>889 | J1804202<br>19 |
| K180441<br>444                          | J1804325<br>41 | K180437<br>225 | J1804298<br>66 | J1804298<br>96 | J1804248<br>33 | J1804202<br>20 |

| <b>Table 2, Affected Generator Sets</b> |                |                |                |                |                |                |
|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| K180441<br>445                          | J1804325<br>42 | K180437<br>227 | J1804298<br>67 | J1804298<br>97 | J1804248<br>43 | J1804202<br>21 |
| K180441<br>425                          | J1804325<br>44 | K180437<br>229 | J1804298<br>75 | J1804298<br>98 | J1804248<br>48 | J1804248<br>37 |
| K180441<br>426                          | J1804325<br>45 | K180437<br>230 | J1804324<br>22 | J1804298<br>99 | J1804248<br>49 | J1804214<br>02 |
| K180441<br>429                          | J1804298<br>84 | K180437<br>232 | J1804324<br>25 | J1804299<br>00 | J1804291<br>26 | J1804246<br>46 |
| K180441<br>435                          | J1804298<br>74 | K180437<br>233 | J1804324<br>26 | J1804299<br>02 | J1804291<br>29 | J1804248<br>26 |
| K180441<br>427                          | J1804324<br>21 | K180437<br>235 | J1804324<br>27 | J1804299<br>07 | J1804299<br>09 | J1804248<br>27 |
| K180441<br>428                          | J1804324<br>36 | J1804256<br>86 | J1804324<br>28 | J1804299<br>08 | J1804299<br>10 | J1804248<br>28 |
| K180441<br>430                          | J1804324<br>39 | J1804256<br>90 | J1804324<br>29 | J1804299<br>14 | J1804298<br>33 | J1804248<br>29 |
| K180441<br>431                          | J1804324<br>40 | J1804299<br>06 | J1804324<br>30 | D170176<br>180 | J1804298<br>34 | J1804248<br>30 |
| K180441<br>432                          | J1804324<br>41 | J1804299<br>15 | J1804324<br>31 | J1804298<br>32 | J1804298<br>35 | J1804248<br>32 |
| K180441<br>434                          | J1804324<br>42 | J1804325<br>30 | J1804324<br>32 | J1804298<br>36 | J1804298<br>69 | K180446<br>801 |
| K180441<br>437                          | J1804324<br>43 | J1804325<br>31 | J1804324<br>33 | J1804298<br>39 | J1804298<br>70 | K180446<br>802 |
| K180441<br>447                          | K180441<br>424 | J1804325<br>32 | J1804324<br>34 | J1804298<br>40 | J1804298<br>71 | K180446<br>803 |
| K180440<br>861                          | K180441<br>433 | J1804325<br>34 | J1804324<br>35 | J1804298<br>41 | J1804298<br>72 | K180446<br>804 |
| K180440<br>862                          | K180441<br>436 | J1804325<br>35 | J1804324<br>37 | J1804298<br>42 | J1804298<br>85 | K180446<br>814 |
| K180440<br>865                          | K180441<br>438 | J1804325<br>37 | K180437<br>222 | J1804298<br>43 | J1804298<br>93 | K180446<br>798 |
| K180440<br>866                          | K180441<br>439 | J1804325<br>38 | K180437<br>223 | J1804298<br>44 | J1804298<br>94 | K180446<br>799 |

| Table 2, Affected Generator Sets |                |                |                |                |                |                |
|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| K180440<br>869                   | K180441<br>441 | J1804325<br>39 | K180437<br>224 | J1804298<br>45 | J1804298<br>95 | K180446<br>800 |
| K180440<br>874                   | K180440<br>875 | K180440<br>877 |                |                |                |                |

## Document History

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|-----------|----------------|
| 2019-2-22 | Module Created |

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