

# CATERPILLAR SR4

6LA / SEBP1068

## Contents

| Section                                    | Page              |
|--------------------------------------------|-------------------|
| <a href="#">Electrical and electronics</a> | <a href="#">2</a> |

## 3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 1 of 4 Change Level 0-3 See Pages 16 thru 19 for location of parts

Drawing 1 of 1

I. SCOPE- THIS CHART IS APPLICABLE TO THE CONTROL PANEL MOUNTED ON A CATERPILLAR PACKAGED GENERATOR SET.

SR 4 GENERATOR MOUNTED CRANKING AND CONTROL PANEL FOR USE WITH PACKAGED GENERATOR SETS.

TABLE 1 - 60 HERTZ

| MODEL | 480 VOLT     | MODEL | 240 VOLT     |
|-------|--------------|-------|--------------|
| SA3C  | 43 - 56 KW   | SA2E  | 43 - 56 KW   |
| SA3D  | 57 - 85 KW   | SA2F  | 57 - 85 KW   |
| SB3E  | 86 - 111 KW  | SB2G  | 86 - 111 KW  |
| SB3F  | 112 - 167 KW | SB2H  | 112 - 162 KW |
| SB3G  | 168 - 222 KW | SB2J  | 163 - 212 KW |
| SB3H  | 223 - 285 KW | SB2K  | 213 - 285 KW |
| SB3H  | 286 - 325 KW | SB2L  | 286 - 338 KW |
| SB3J  | 326 - 420 KW | SB2M  | 339 - 420 KW |

| MODEL | 208 VOLT     |
|-------|--------------|
| SA2F  | 45 - 65 KW   |
| SA2G  | 66 - 85 KW   |
| SB2H  | 86 - 142 KW  |
| SB2J  | 143 - 190 KW |
| SB2K  | 191 - 225 KW |
| SB2L  | 226 - 285 KW |
| SB2M  | 286 - 420 KW |

II. CONTROL PANELS ARE DESIGNATED BY A 12 CHARACTER MODEL NUMBER ON THE NAMEPLATE. SEE PAGE 16 FOR LOCATION OF THE NAMEPLATE.

SELECT THE FIRST FOUR CHARACTERS OF THE MODEL NUMBER FROM TABLE 1 FOR 60 HERTZ AND FROM TABLE 2 FOR 50 HERTZ ACCORDING TO THE VOLTAGE AND KILOWATT RATING OF THE GENERATOR SET.

TABLE 2 - 50 HERTZ

| MODEL | 480 VOLT     | MODEL | 400 VOLT     |
|-------|--------------|-------|--------------|
| SA3C  | 43 - 56 KW   | SA3C  | 43 - 50 KW   |
| SA3D  | 57 - 85 KW   | SA3D  | 51 - 65 KW   |
| SB3D  | 66 - 85 KW   | SB3D  | 66 - 72 KW   |
| SB3E  | 86 - 111 KW  | SB3E  | 73 - 96 KW   |
| SB3F  | 112 - 167 KW | SB3F  | 97 - 145 KW  |
| SB3G  | 168 - 222 KW | SB3G  | 146 - 192 KW |
| SB3H  | 223 - 235 KW | SB3H  | 193 - 235 KW |
| SB3H  | 236 - 325 KW | SB3H  | 236 - 285 KW |
| SB3J  | 326 - 380 KW | SB3J  | 286 - 380 KW |

| MODEL | 240 VOLT     | MODEL | 200 VOLT     |
|-------|--------------|-------|--------------|
| SA2E  | 43 - 56 KW   | SA2F  | 43 - 58 KW   |
| SA2F  | 57 - 65 KW   | SA2G  | 59 - 65 KW   |
| SB2F  | 66 - 85 KW   | SB2G  | 66 - 90 KW   |
| SB2G  | 86 - 111 KW  | SB2H  | 91 - 135 KW  |
| SB2H  | 112 - 162 KW | SB2J  | 136 - 180 KW |
| SB2J  | 163 - 212 KW | SB2K  | 181 - 214 KW |
| SB2K  | 213 - 235 KW | SB2L  | 215 - 235 KW |
| SB2K  | 236 - 285 KW | SB2L  | 236 - 270 KW |
| SB2L  | 286 - 338 KW | SB2M  | 271 - 380 KW |
| SB2M  | 339 - 380 KW |       |              |

219867

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|------|-------------|-------------|-----|------|------------|

Parts list rows are not synced on this VPS for SEBP1068/SEBP10680001 yet.

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 2 of 4 Change Level 0-3 See Pages 16 thru 19 for location of parts

Drawing 1 of 1

III. DESCRIPTION OF EQUIPMENT SPECIFIED BY MODEL NUMBER

1--AN "S" AS THE FIRST CHARACTER OF THE MODEL NUMBER INDICATES THAT THE CONTROL PANEL IS FOR TOP MOUNTING ON AN SR 4 GENERATOR.

2--THE SECOND CHARACTER OF THE MODEL NUMBER INDICATES THE GENERATOR FRAME SIZE. THE FRAME SIZE DETERMINES THE PHYSICAL DIMENSION OF THE CONTROL PANEL AND THE CATALOG NUMBER OF THE SHOCK MOUNTS. SEE TABLE 3 AND FIGURE 1.

4-- THE FOURTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE AMMETER AND CURRENT TRANSFORMERS.

SB3C82XXXPX0

| AMMETER<br>5 AMP COIL |      |               |          | CURRENT TRANSFORMERS |        |          |
|-----------------------|------|---------------|----------|----------------------|--------|----------|
|                       | QTY. | SCALE         | PART NO. | QTY.                 | RATIO  | PART NO. |
| C                     | 1    | 0 - 100 AMPS  | 4L6837   | 3                    | 100/5  | 3N5966   |
| D                     | 1    | 0 - 150 AMPS  | 4L6838   | 3                    | 150/5  | 3N5967   |
| E                     | 1    | 0 - 200 AMPS  | 4L6839   | 3                    | 200/5  | 3N5968   |
| F                     | 1    | 0 - 300 AMPS  | 4L6840   | 3                    | 300/5  | 3N5969   |
| G                     | 1    | 0 - 400 AMPS  | 4L6841   | 3                    | 400/5  | 3N5970   |
| H                     | 1    | 0 - 600 AMPS  | 4L6842   | 3                    | 600/5  | 3N5971   |
| J                     | 1    | 0 - 800 AMPS  | 4L6843   | 3                    | 800/5  | 3N5972   |
| K                     | 1    | 0 - 1000 AMPS | 3N5576   | 3                    | 1000/5 | 3N5973   |
| L                     | 1    | 0 - 1200 AMPS | 3N8966   | 3                    | 1200/5 | 3N5974   |

TABLE 3

|   | FRAME SIZE | 60 HZ RATINGS | 50 HZ RATINGS | A<br>DIMEN. | SHOCK MOUNTS |
|---|------------|---------------|---------------|-------------|--------------|
| A | 360        | 45 - 85       | 45 - 65       | 23.75"      | 3N5611       |
| B | 440        | 90 - 285      | 75 - 230      | 27.50"      | 3N5611       |
|   | 580        | 290 - 420     | 240 - 380     | 27.50"      | 3N5611       |

FIGURE 1

THE CATALOG NUMBER OF THE SHOCK MOUNTS ARE LORD MANUFACTURING CO. QUANTITY OF FOUR ARE REQUIRED. IN ADDITION, FOUR SNUBBING WASHERS, CATALOG J2049-3 ARE REQUIRED. IF CUSTOMER INSTALLS WATTMETER AND/OR POWER FACTOR METER, LORD 206 PD-40 SHOCK MOUNTS ARE RECOMMENDED.

3--THE THIRD CHARACTER OF THE MODEL NUMBER SPECIFIES THE VOLTMETER.

SB3C82XXXPX0

| AC VOLTMETER |          |                |          |
|--------------|----------|----------------|----------|
|              | QUANTITY | SCALE          | PART NO. |
| 2            | 1        | 0 - 300 VOLTS  | 4L6690   |
| 3            | 1        | 0 - 600 VOLTS  | 4L6691   |
| 4            | 1        | 0 - 1000 VOLTS | 5N3380   |

5-- THE FIFTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE FREQUENCY METER.

SB3C82XXXPX0

| FREQUENCY METER |      |         |          |
|-----------------|------|---------|----------|
|                 | QTY. | HERTZ   | PART NO. |
| 7               | 1    | 45 - 65 | 5N3047   |
| 8               | 1    | 45 - 65 | 5N3047   |

CHANGE 0-1 TO 3N8900  
NO CHARACTER REFERENCE FOR FREQUENCY METER AS IT IS STANDARD WHERE CHARACTER 12 READS CHANGE LEVEL 2 OR ABOVE.

5-- THE FIFTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE COOL-DOWN TIMER.

SB3C82XXXPX2

| COOL-DOWN TIMER |                    |
|-----------------|--------------------|
|                 |                    |
| X               | NONE               |
| T               | 5N3387 (INSTALLED) |

CHANGE 2 TO 3N8900

219868

| Ref.                                                                      | Part number | Description | Qty | Code | Group | page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|-------|------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680002 yet. |             |             |     |      |       |      |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 3 of 4 Change Level 0-3 3N5568 Module and 5N3666 Lamp parts are shown on Pages 20 and 21 See Pages 16 thru 19 for location of parts

Drawing 1 of 1

6 THE SIXTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE CRANKING VOLTAGE, CRANKING CYCLE AND TABLE 4 DETAILS THE COMPONENTS IN THE AUTOMATIC START STOP CIRCUITRY.

SB3C82XXXPX0

|   | CRANKING VOLTAGE | CRANKING CYCLE | CYCLE CRANKING MODULE |
|---|------------------|----------------|-----------------------|
| 1 | 24 VOLT          | SINGLE         | NONE                  |
| 2 | 24 VOLT          | CYCLE          | ▲ 3N5568 (INSTALLED)  |

NOTE: THE SINGLE CRANKING CYCLE IS PRE-SET BY THE MANUFACTURER TO OPERATE 30 SECONDS AFTER WHICH TIME OVER CRANK SHUTDOWN OCCURS. THE CYCLE CRANKING MODULE (3N5568) IS PRE-SET BY THE MANUFACTURER TO CRANK THE ENGINE 10 SECONDS AND REST 10 SECONDS FOR A TOTAL OF 90 SECONDS (includes 5 cranks and 4 rests) AFTER WHICH TIME EVERCRANK SHUTDOWN OCCURS. THE CYCLE CRANKING MODULE (3N5568) IS OPTIONAL. HOWEVER, ALL PANELS INCLUDE MOUNTING AND WIRING PROVISIONS.

7 THE SEVENTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE GLOW PLUG HEAT SWITCH, IF REQUIRED.

SB3C8200XXPX0

|   | TOGGLE SWITCH- SINGLE POLE, MOMENTARY CONTACT | PLUG BUTTON |
|---|-----------------------------------------------|-------------|
| X | NONE                                          | 3L4566      |
| H | 3L6616                                        | NONE        |

NOTE: THE HEAT SWITCH IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE APPROPRIATE OPENING. WHEN HEAT SWITCH IS NOT INSTALLED, A PLUG BUTTON IS INSTALLED IN THE HOLE.

8 THE EIGHTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE DC AMMETER, IF REQUIRED.

SB3C82XXXPX0

|   | QTY. | SCALE   | D C AMMETER PART NO. | TERMINAL STRIP PART NO. | PLUG BUTTON |
|---|------|---------|----------------------|-------------------------|-------------|
| X | -    | -       | NONE                 | NONE                    | 1L6561      |
| D | 1    | 60-0-60 | 8M7892               | 3N1140                  | NONE        |

NOTE: THE DC AMMETER IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE APPROPRIATE OPENING. WHEN DC AMMETER IS NOT INSTALLED, A PLUG BUTTON IS INSTALLED IN THE HOLE.

TABLE 4 3N8900 CHANGE 0-1 3N8900 CHANGE 2-3

| COMPONENT FUNCTION    | QTY. | 24 VOLT PART NO. | QTY. | 24 VOLT PART NO. |
|-----------------------|------|------------------|------|------------------|
| LOW OIL PRESS. IND.   | 1    | 3N5582           | 1    | ▲5N3666          |
| HIGH WATER TEMP. IND. | 1    | 3N5582           | 1    | ▲5N3666          |
| OVERSPEED IND.        | 1    | 3N5582           | 1    | ▲5N3666          |
| OVERCRANK IND.        | 1    | 3N5582           | 1    | ▲5N3666          |
| ENG. FAULT LIGHT BULB | 1    | 3N5718           | 1    | 3N5718           |
|                       | 1    | 3N5719           | 5    | 3N5719           |
| RUN RELAY             | 1    | 3N5714           | 1    | 3N5714           |
| ARMING RELAY          | 1    | 3N5714           | 1    | 3N5714           |
| SHUTDOWN RELAY        | 1    | 3N5714           | 1    | 3N5714           |
| RELAY SOCKET          | 3    | 3N5784           | 7    | 3N5784           |
| OVERCRANK TIMER       | 1    | 3N5978           | 1    | 3N5978           |
| CONTROL SWITCH        | 1    | 3N5979           | 1    | 3N5979           |
| DIODE AS.             | 3    | 3N5980           |      |                  |
| PANEL LAMP AS.        | 2    | 3N5583           | 2    | 3N5583           |
| BULB                  | 2    | 3N5588           | 2    | 3N5588           |
| PANEL LAMP SWITCH     | 1    | 6L5079           | 1    | 6L5079           |
| WATER TEMP. GAGE      | 1    | 5L7444           | 1    | 5L7444           |
| OIL PRESS. GAGE       | 1    | 5L7456           | 1    | 5L7456           |

▲ SEPARATE ILLUSTRATION

219869

| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680003 yet. |             |             |     |      |            |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 4 of 4 Change Level 0-3 5N3388 and 3N5569 Module and 3N7818 Relay parts are shown on Pages 21, 22 and 23 See Pages 16 thru 19 for location of parts

Drawing 1 of 1

9 — THE NINTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE GOVERNOR MOTOR SWITCH, IF REQUIRED.

SB3C82XXXPX0

|   | QTY. | GOVERNOR MOTOR SWITCH<br>TOGGLE SWITCH - SPDT - 10 AMP<br>MOMENTARY CONTACT-CENTER OFF | PLUG BUTTON |
|---|------|----------------------------------------------------------------------------------------|-------------|
| X |      | NONE                                                                                   | 3L4566      |
| G | 1    | 3L3911                                                                                 | NONE        |

NOTE: THE GOVERNOR MOTOR SWITCH IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE THE APPROPRIATE OPENING. WHEN SWITCH IS NOT INSTALLED, A PLUG BUTTON IS INSTALLED IN THE HOLE.

11 — THE ELEVENTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE AUXILIARY RELAY, IF REQUIRED.

SB3C82XXXPX0

|   | MODULE GP. - RELAY  |
|---|---------------------|
| X | NONE                |
| A | ▲3N7818 (INSTALLED) |

NOTE: THE AUXILIARY RELAY IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE APPROPRIATE MOUNTING AND WIRING PROVISIONS.

10 — THE TENTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE PREALARM AND SYNCHRONIZING LIGHT MODULES, IF REQUIRED.

SB3C82XXXPX0

|   | MODULE              | COVER PLATE ( N/S )            |
|---|---------------------|--------------------------------|
| X | NONE                | 14 GA. COVER PLATE (INSTALLED) |
| P | ▲3N5569 (INSTALLED) | NONE                           |
| L | ▲5N3388 (INSTALLED) | NONE                           |

NOTE: THE PREALARM AND SYNCHRONIZING LIGHT MODULES ARE OPTIONAL ITEMS. HOWEVER, ALL PANELS INCLUDE APPROPRIATE PROVISIONS INCLUDING SHEET METAL MOUNTING AND TERMINAL STRIP. WHEN THE MODULE IS NOT INSTALLED, A 14 GA. SOLID COVER PLATE IS INSTALLED.

12 — THE TWELFTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE CHANGE NUMBER OF THIS SPECIFICATION TO WHICH PANEL WAS BUILT.

SB3C82XXXPX0

THESE DRAWINGS ARE FOR CHANGES 0, 1, 2 & 3.

▲ SEPARATE ILLUSTRATION

219870

| Ref.                                                                      | Part number | Description | Qty | Code | Group |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|-------|
|                                                                           |             |             |     |      | page  |
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680004 yet. |             |             |     |      |       |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 1 of 4 Change Level 4-Up See Pages 18 and 19 for location of parts

Drawing 1 of 1



| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680005 yet. |             |             |     |      |            |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 2 of 4 Change Level 4-Up See Pages 18 and 19 for location of parts

Drawing 1 of 1

III. DESCRIPTION OF EQUIPMENT SPECIFIED BY MODEL NUMBER

1-AN "S" AS THE FIRST CHARACTER OF THE MODEL NUMBER INDICATES THAT THE CONTROL PANEL IS FOR TOP MOUNTING ON AN SR 4 GENERATOR.

2-THE SECOND CHARACTER OF THE MODEL NUMBER INDICATES THE GENERATOR FRAME SIZE. THE FRAME SIZE DETERMINES THE PHYSICAL DIMENSION OF THE CONTROL PANEL AND THE CATALOG NUMBER OF THE SHOCK MOUNTS. SEE TABLE 3 AND FIGURE 1.

SB3CX2XXXPX4

|   | FRAME SIZE | 60 HZ RATINGS | 50 HZ RATINGS | A. DIMEN. | SHOCK MOUNTS |
|---|------------|---------------|---------------|-----------|--------------|
| A | 360        | 45 - 85       | 45 - 65       | 23.75"    | 3N5611       |
| B | 440        | 90 - 310      | 75 - 255      | 27.50"    | 3N5611       |
|   | 580        | 290 - 520     | 240 - 410     | 27.50"    | 3N5611       |



THE CATALOG NUMBER OF THE SHOCK MOUNTS ARE LORD MANUFACTURING CO., QUANTITY OF FOUR ARE REQUIRED. IN ADDITION, FOUR SNUBBING WASHERS, CATALOG J2049-3 ARE REQUIRED. IF CUSTOMER INSTALLS WATTMETER AND/OR POWER FACTOR METER, LORD 206 PD-40 SHOCK MOUNTS ARE RECOMMENDED.

4 — THE FOURTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE AMMETER AND CURRENT TRANSFORMERS.

SB3CX2XXXPX4

| ANMETER-TRANSFORMER RATED<br>GENERAL ELECTRIC CO. TYPE 250<br>OR CROMPTON TYPE 100 |      |               | CURRENT TRANSFORMERS |      |        |          |
|------------------------------------------------------------------------------------|------|---------------|----------------------|------|--------|----------|
|                                                                                    | QTY. | SCALE         | PART NO.             | QTY. | RATIO  | PART NO. |
| C                                                                                  | 1    | 0 - 100 AMPS  | 4L6837               | 3    | 100/5  | 3N5966   |
| D                                                                                  | 1    | 0 - 150 AMPS  | 4L6838               | 3    | 150/5  | 3N5967   |
| E                                                                                  | 1    | 0 - 200 AMPS  | 4L6839               | 3    | 200/5  | 3N5968   |
| F                                                                                  | 1    | 0 - 300 AMPS  | 4L6840               | 3    | 300/5  | 3N5969   |
| G                                                                                  | 1    | 0 - 400 AMPS  | 4L6841               | 3    | 400/5  | 3N5970   |
| H                                                                                  | 1    | 0 - 600 AMPS  | 4L6842               | 3    | 600/5  | 3N5971   |
| J                                                                                  | 1    | 0 - 800 AMPS  | 4L6843               | 3    | 800/5  | 3N5972   |
| K                                                                                  | 1    | 0 - 1000 AMPS | 3R5576               | 3    | 1000/5 | 3N5973   |
| L                                                                                  | 1    | 0 - 1200 AMPS | 3N8966               | 3    | 1200/5 | 3N5974   |
| M                                                                                  | 1    | 0 - 1500 AMPS | 5N4561               | 3    | 1500/5 | 5N4559   |
| N                                                                                  | 1    | 0 - 2000 AMPS | 5N2058               | 3    | 2000/5 | 5N2059   |

3 — THE THIRD CHARACTER OF THE MODEL NUMBER SPECIFIES THE VOLTMETER.

SB3CX2XXXPX4

| AC VOLTMETER |          |                |          |
|--------------|----------|----------------|----------|
|              | QUANTITY | SCALE          | PART NO. |
| 2            | 1        | 0 - 300 VOLTS  | 4L6690   |
| 3            | 1        | 0 - 600 VOLTS  | 4L6691   |
| 4            | 1        | 0 - 1000 VOLTS | 5N3380   |

5 — THE FIFTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE COOL - DOWN TIMER.

SB3CX2XXXPX4

| COOL - DOWN TIMER |                    |
|-------------------|--------------------|
| X                 | NONE               |
| T                 | 5N3387 (INSTALLED) |

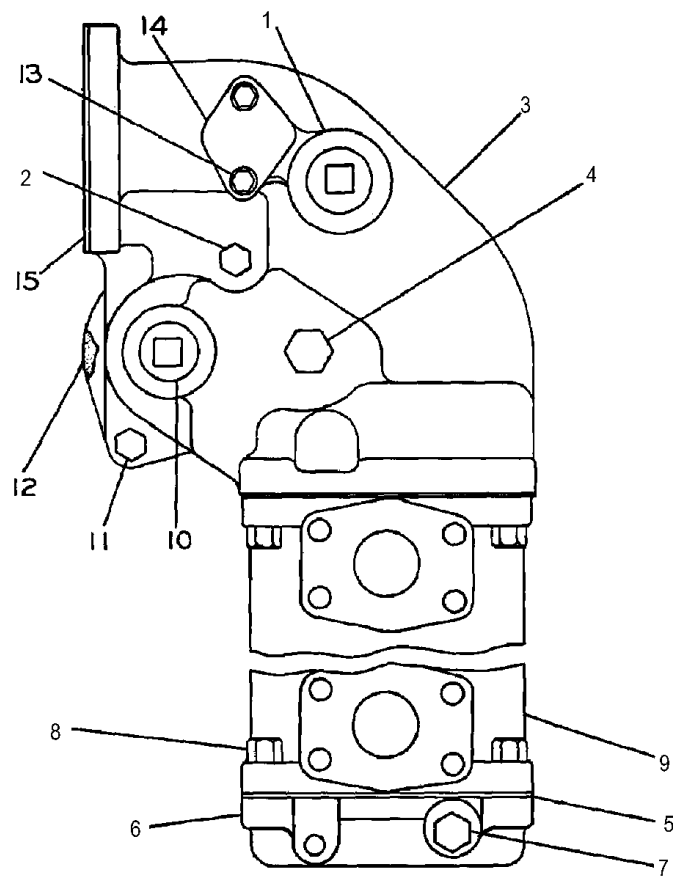
219872

| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680006 yet. |             |             |     |      |            |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 3 of 4 Change Level 4-Up 3N5568 Module and 5N3666 Lamp parts are shown on Pages 20 and 21 See Pages 18 and 19 for location of parts

Drawing 1 of 1



| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680007 yet. |             |             |     |      |            |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 4 of 4 Change Level 4-Up 5N3388 and 3N5569 Module and 3N7818 Relay parts are shown on Pages 21, 22 and 23 See Pages 18 and 19 for location of parts

Drawing 1 of 1

9 THE NINTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE GOVERNOR MOTOR SWITCH, IF REQUIRED.

SB3CX2XXXPX4

|   | QTY. | GOVERNOR MOTOR SWITCH<br>TOGGLE SWITCH-SPDT-10AMP<br>MOMENTARY CONTACT-CENTER OFF | PLUG BUTTON |
|---|------|-----------------------------------------------------------------------------------|-------------|
| X |      | NONE                                                                              | 3L4566      |
| G | 1    | 3L3911                                                                            | NONE        |

NOTE: THE GOVERNOR MOTOR SWITCH IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE THE APPROPRIATE OPENING. WHEN SWITCH IS NOT INSTALLED, A PLUG BUTTON IS INSTALLED IN THE HOLE

11 THE ELEVENTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE AUXILIARY RELAY, IF REQUIRED

SB3CX2XXXPX4

|   | MODULE GP.-RELAY     |
|---|----------------------|
| X | NONE                 |
| A | ▲ 3N7818 (INSTALLED) |

NOTE: THE AUXILIARY RELAY IS AN OPTIONAL ITEM. HOWEVER, ALL PANELS INCLUDE APPROPRIATE MOUNTING AND WIRING PROVISIONS.

10 THE TENTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE PREALARM AND SYNCHRONIZING LIGHT MODULES, IF REQUIRED.

SB3CX2XXXPX4

|   | MODULE               | COVER PLATE (N/S)              |
|---|----------------------|--------------------------------|
| X | NONE                 | 14 GA. COVER PLATE (INSTALLED) |
| P | ▲ 3N5569 (INSTALLED) | NONE                           |
| L | ▲ 5N3388 (INSTALLED) | NONE                           |

NOTE: THE PREALARM AND SYNCHRONIZING LIGHT MODULES ARE OPTIONAL ITEMS. HOWEVER, ALL PANELS INCLUDE APPROPRIATE PROVISIONS INCLUDING SHEET METAL MOUNTING AND TERMINAL STRIP. WHEN THE MODULE IS NOT INSTALLED, A 14 GA. SOLID COVER PLATE IS INSTALLED.

12 THE TWELFTH CHARACTER OF THE MODEL NUMBER SPECIFIES THE CHANGE NUMBER OF THIS SPECIFICATION TO WHICH PANEL WAS BUILT.

SB3CX2XXXPX4

THESE DRAWINGS ARE FOR CHANGES 4-UP

▲ SEPARATE ILLUSTRATION

219874

| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680008 yet. |             |             |     |      |            |

3N-8900 CHART-CONTROL PANEL

3N8900 CONTROL PANEL IDENTIFICATION CHART--Part 1 of 4 Change Level 4-Up FOR CANADIAN STANDARD ASSOCIATION See Pages 18 and 19 for location of parts

Drawing 1 of 1

- I. SCOPE- THIS CHART IS APPLICABLE TO THE CONTROL PANEL MOUNTED ON A CSA APPROVED CATERPILLAR PACKAGED GENERATOR SET.

II. CONTROL PANELS ARE DESIGNATED BY A J2 CHARACTER MODEL NUMBER ON THE NAMEPLATE. SEE PAGE 18 FOR LOCATION OF THE NAMEPLATE.
- SR 4 GENERATOR MOUNTED CRANKING AND CONTROL PANEL FOR USE WITH CSA APPROVED PACKAGED GENERATOR SETS.

| TABLE 1 60 HERTZ |              |          |              |
|------------------|--------------|----------|--------------|
| 600 VOLT         |              | 208 VOLT |              |
| MODEL            |              | MODEL    |              |
| AA4C             | 53 - 70 KW   | AA2F     | 45 - 65 KW   |
| AA4D             | 71 - 85 KW   | AA2G     | 66 - 85 KW   |
| AB4D             | 86 - 120 KW  | AB2H     | 86 - 142 KW  |
| AB4E             | 121 - 140 KW | AB2J     | 143 - 190 KW |
| AB4F             | 141 - 217 KW | AB2K     | 191 - 225 KW |
| AB4G             | 218 - 288 KW | AB2L     | 226 - 285 KW |
| AB4H             | 289 - 325 KW | AB2M     | 286 - 325 KW |
| AC4H             | 326 - 420 KW | AC2M     | 326 - 400 KW |
| AC4J             | 421 - 530 KW | AC2N     | 401 - 530 KW |

| 480 VOLT |              | 300 VOLT |              | 240 VOLT |              |
|----------|--------------|----------|--------------|----------|--------------|
| MODEL    |              | MODEL    |              | MODEL    |              |
| AA3C     | 43 - 56 KW   | AA3D     | 43 - 56 KW   | AA2E     | 43 - 56 KW   |
| AA3D     | 57 - 85 KW   | AA3E     | 57 - 75 KW   | AA2F     | 57 - 85 KW   |
| AA3E     | 86 - 111 KW  | AA3F     | 76 - 85 KW   | AB2H     | 86 - 111 KW  |
| AB3F     | 112 - 167 KW | AB3G     | 86 - 140 KW  | AB2H     | 112 - 162 KW |
| AB3G     | 168 - 222 KW | AB3H     | 141 - 200 KW | AB2J     | 163 - 212 KW |
| AB3H     | 223 - 285 KW | AB3J     | 201 - 325 KW | AB2K     | 213 - 285 KW |
| AB3H     | 286 - 325 KW | AC3K     | 326 - 350 KW | AB2L     | 286 - 325 KW |
| AC3J     | 326 - 420 KW | AC3L     | 351 - 450 KW | AC2L     | 326 - 350 KW |
| AC3K     | 421 - 530 KW | AC3M     | 451 - 530 KW | AC2M     | 351 - 450 KW |
|          |              |          |              | AC2N     | 451 - 530 KW |

219875

| Ref.                                                                      | Part number | Description | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-------------|-----|------|------------|
| Parts list rows are not synced on this VPS for SEBP1068/SEBP10680009 yet. |             |             |     |      |            |

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

6LA-SEBP1068

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**