



## TECHNICAL MANUAL INDEX - MAY 31, 2021

| MANUAL # | REVISION | DATE OF REVISION  | MODEL NUMBER(S)   |
|----------|----------|-------------------|---|
| IM001    | 2        | AUGUST 26, 2014   | All   |
| TM101    | 14       | DECEMBER 9, 2009  | 150SG SERIES (EXCLUDING 150SG122Q-4)  |
| TM102    | 5        | JUNE 8, 2012      | 160 SERIES (EXCLUDING 160SG140Q-4, 160SG143Q & 160SG143Q-2)                           |
| TM105A   | 12       | FEBRUARY 26, 2018 | 200SGL SERIES (EXCLUDING 200SGL129Q-2, 200SGL130Q-4, 200SGL147Q-4 & -5 & 200SGL149Qs) |
| TM106    | 3.1      | JUNE 10, 2010     | 200SG SERIES  |
| TM107    | 8        | AUGUST 8, 2012    | 250SG SERIES  |
| TM108    | 7        | APRIL 27, 2016    | 300SG SERIES (EXCLUDING 300SG120Q, -2 & -3)   |
| TM109    | 8        | JULY 2, 2012      | 300SGL SERIES   |
| TM110    | 7        | AUGUST 31, 2010   | 400SG SERIES (EXCLUDING 400SG144Q-2 & 400SG180Q)                                      |
| TM112    | ORIGINAL | OCTOBER 31, 2006  | 200SGL149Qs   |
| TM116    | 4        | JUNE 18, 2015     | 300SG120Q, -2 & -3 (LIMITED DISTRIBUTION)   |
| TM117    | 3        | JANUARY 29, 2016  | 150SG122Q-4   |
| TM120    | ORIGINAL | FEBRUARY 18, 2016 | 160SG140Q-4   |
| TM121    | 2        | DECEMBER 18, 2015 | 200SGL130Q-4  |
| TM125    | 1        | MAY 22, 2017      | 200SGL129Q-2  |
| TM126    | ORIGINAL | APRIL 14, 2016    | 200SGL147Q-5  |
| TM128    | 2        | DECEMBER 19, 2016 | 200SGL147Q-4  |



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| SERVICE BULLETIN | REVISION | DATE OF REVISION  | SERIES/TM   |
|------------------|----------|-------------------|---|
| SB 150SG105      | C        | December 9, 2009  | ALL   |
| SB 150SG114      | C        | December 9, 2009  | ALL SERIES W/QAD HOUSING  |
| SB 150SG124      | C        | December 9, 2009  | ALL   |
| SB 150SG127-1    | D        | December 9, 2009  | 150SG & 160SG SERIES (TM101 & TM102)                                |
| SB 150SG128      | D        | February 10, 2010 | TM105A  |
| SB 150SG128-1    | C        | February 10, 2010 | TM105A, TM112, TM121, TM125, TM126, TM128                           |
| SB 150SG139      | A        | December 9, 2009  | 150SG117Q-4-1 (TM101)   |
| SB 150SG150      | A        | December 9, 2009  | 150SG SERIES (TM101)  |
| SB 150SG151      | A        | December 9, 2009  | ALL   |
| SB 150SG155      | B        | June 4, 2010      | 150SG122Q (TM101)   |
| SB 150SG164      | B        | January 29, 2016  | 150SG122Q(-4) (TM101, TM117)  |
| SB 150SG182      | NC       | March 23, 2017    | 150SG122Q-4 (TM117)   |
| SB 150SG187      | B        | January 12, 2018  | 150SG122Q-4 (TM117), 160SG140Q-4 (TM120), &<br>200SGL130Q-4 (TM121) |
| SB 150SG194      | NC       | May 30, 2018      | 150SG & 160SG SERIES (TM101, TM102)                                 |
| SB 150SG201      | A        | October 21, 2020  | ALL   |
| SB 160SG165      | A        | January 29, 2016  | 160SG143Q-2 (TM113)   |
| SB 160SG167      | A        | December 15, 2014 | 160SG140Q-4 (TM120)   |
| SB 160SG183      | NC       | March 23, 2017    | 160SG140Q-4 (TM120)   |
| SB 160SG190      | NC       | January 15, 2018  | 160SG139Q-2 MOD 1 (TM102)   |
| SB 160SG199      | A        | August 14, 2018   | 160SG139Q-2, 160SG139Q-2 MOD1 & 160SG139Q-5 (TM102)                 |
| SB 200SG140      | A        | February 10, 2010 | 200SGL147Q-3 (TM105A)   |
| SB 200SG141      | A        | February 10, 2010 | 200SGL119Q-2 (TM105A)   |
| SB 200SG153      | B        | July 12, 2010     | 200SG119Q (TM106)   |
| SB 200SG156      | A        | June 4, 2010      | 200SGL130Q (TM105A)   |
| SB 200SG157      | B        | February 10, 2010 | 200SGL115Q-2 (TM105A)   |
| SB 200SG158      | A        | February 10, 2010 | 200SGL144Q (TM105A)   |
| SB 200SG159      | A        | February 10, 2010 | TM105A  |
| SB 200SG169      | A        | June 22, 2015     | 200SGL119Q & 200SGL153Q (TM105A)                                    |
| SB 200SG175      | A        | May 8, 2019       | 200SGL144Q (TM105A)   |
| SB 200SG180      | NC       | June 22, 2016     | 200SGL147Q-3 (TM105A)   |
| SB 200SGL168     | D        | December 18, 2015 | 200SGL130Q-4 (TM121)  |
| SB 200SGL181     | NC       | December 20, 2016 | 200SGL147Q-3 (TM105A)   |
| SB 200SGL184     | NC       | March 23, 2017    | 200SGL130Q-4 (TM121)  |
| SB 200SGL188     | NC       | July 18, 2017     | 200SGL129Q-2 (TM125)  |



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| SERVICE BULLETIN | REVISION | DATE OF REVISION   | SERIES/TM  |
|------------------|----------|--------------------|--|
| SB 200SGL193     | NC       | February 23, 2018  | ALL 200SGL SERIES<br>(TM105A, TM112, TM121, TM125, TM126, TM128) |
| SB 200SGL199     | NC       | May 5, 2019        | TM105A   |
| SB 200SGL200     | NC       | September 19, 2018 | 200SGL147Q-4 (TM128) & 200SGL147Q-6 (TM105A)                     |
| SB 200SGL203     | NC       | February 6, 2019   | TM105A, TM112, TM121, TM125, TM126, TM128                        |
| SB 200SGL204     | A        | February 2, 2020   | TM105A   |
| SB 200SGL205     | NC       | July 2, 2020       | 200SGL129Q-2 (TM125)   |
| SB 200SGL207     | A        | January 4, 2021    | TM102, TM105A, TM125, TM128                                      |
| SB 250SG143      | B        | June 18, 2012      | 250SG111Q-2 (TM107)  |
| SB 250SG149      | B        | June 18, 2012      | 250SG111Q & 250SG114Q (TM107)                                    |
| SB 250SG202      | C        | August 8, 2019     | TM107 & TM109  |
| SB 300SG145      | A        | January 15, 2010   | 300SGL SERIES (TM109)  |
| SB 300SG160      | NR       | June 4, 2010       | 300SGL145Q (TM109)   |
| SB 300SG162      | D        | April 27, 2018     | 300SGL162Q-3 (TM109)   |
| SB 300SG173      | NC       | May 18, 2015       | 300SGL145Q (TM109)   |
| SB 300SG180      | NR       | September 9, 2016  | TM116 (LIMITED DISTRIBUTION)                                     |
| SB 300SG181      | NC       | May 2, 2019        | TM116 (LIMITED DISTRIBUTION)                                     |
| SB 300SGL192     | NC       | January 17, 2018   | 300SGL116Q-6-2 (TM109)   |
| SB 300SGL195     | NC       | May 30, 2018       | 200SG, 250SG & 300SGL (TM106, TM107, TM109)                      |
| SB 300SGL197     | NC       | April 4, 2018      | 300SGL162Q, 300SGL162Q-2 & 300SGL162Q-3 (TM109)                  |
| SB 300SGL198     | NC       | May 18, 2018       | 300SGL SERIES (TM109)  |
| SB 300SGL200     | A        | June 14, 2019      | TM109  |
| SB 300SGL201     | NC       | June 3, 2019       | TM109  |
| SB 300SGL207     | NC       | April 4, 2021      | TM105A and TM109   |
| SB 400SG136      | B        | August 11, 2010    | 400SG138Q, 400SG138Q-2, & 400SG159Q (TM110)                      |
| SB 400SG142      | A        | August 11, 2010    | 400SG138Q & 400SG138Q-2 (TM110)                                  |
| SB 400SG152      | E        | March 2, 2016      | 400SG163Q & 400SG168Q (TM110)                                    |
| SB 400SG153      | A        | August 11, 2010    | 400SG163Q-2 & 400SG168Q-2 (TM110)                                |
| SB 400SG161      | NR       | September 27, 2010 | 400SG SERIES (TM110)   |
| SB 400SG163      | B        | May 26, 2020       | 400SG163Q-2 & 400SG168Q-2 (TM110)                                |
| SB 400SG170      | C        | April 30, 2020     | TM110  |
| SB 400SG171      | NR       | January 14, 2014   | 400SG SERIES (TM110)   |
| SB 400SG172      | NR       | January 17, 2014   | 400SG163Q & 400SG168Q (TM110)                                    |
| SB 400SG196      | NC       | May 30, 2018       | 300SG & 400SG (TM108, TM110, TM116)                              |



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| SERVICE LETTER | REVISION | DATE OF REVISION   | SERIES/TM   |
|----------------|----------|--------------------|---|
| SL115          | B        | December 9, 2009   | ALL SERIES W/QAD HOUSING                                  |
| SL132          | C        | February 10, 2020  | 200SGL SERIES (TM105A, TM112, TM121, TM125, TM126, TM128) |
| SL134          | C        | October 16, 2019   | ALL SERIES W/QAD HOUSING                                  |
| SL170          | A        | December 9, 2009   | 150SG & 160SG SERIES (TM101, TM102)                       |
| SL173          | A        | February 10, 2010  | TM105A  |
| SL175          | A        | September 6, 2010  | 300SG SERIES (TM108)                                      |
| SL178          | A        | March 17, 2010     | 200SG & 250SG SERIES (TM106, TM107)                       |
| SL180          | A        | January 15, 2010   | 300SGL SERIES (TM109)                                     |
| SL190          | NR       | June 20, 2006      | 200SGL149Q-2 (TM112)                                      |
| SL192          | A        | February 10, 2010  | TM105A  |
| SL193          | B        | January 15, 2010   | 300SG & 300SGL SERIES (TM108, TM109, TM116)               |
| SL209          | B        | November 9, 2015   | 150SG123Q-3 (TM101)                                       |
| SL214          | B        | February 6, 2018   | 400SG SERIES (TM110)                                      |
| SL217          | NR       | September 14, 2010 | ALL   |
| SL225          | NR       | January 25, 2011   | TM101 & TM112   |
| SL226          | NR       | February 16, 2011  | 400SG168Q-3 (TM110)                                       |
| SL227          | NR       | April 19, 2011     | TM101, TM106, TM110, TM112                                |
| SL228          | NR       | May 12, 2011       | 150SG123Q (TM101)   |
| SL229          | NR       | May 12, 2011       | TM101, TM106, TM107, TM110, TM112                         |
| SL232          | NR       | August 2, 2011     | TM108   |
| SL233          | NR       | August 11, 2011    | 400SG159Q (TM110)   |
| SL234          | NR       | August 24, 2011    | 150SG117Q-5 (TM101)                                       |
| SL237          | NR       | September 14, 2011 | TM106   |
| SL238          | NR       | October 20, 2011   | TM102   |
| SL239          | NR       | February 15, 2012  | TM109 & TM110   |
| SL242          | A        | May 23, 2012       | TM101, TM102, TM112                                       |
| SL243          | NR       | September 10, 2012 | 160SG137Q-1 (TM102)                                       |
| SL244          | NR       | June 18, 2013      | TM101, TM102, TM106, TM107, TM110, TM112                  |
| SL246          | B        | January 30, 2020   | TM110   |
| SL248          | NR       | January 27, 2014   | 300SGL158Q (TM109)  |
| SL249          | A        | October 9, 2014    | 150SG122Q-4 (TM117)                                       |
| SL250          | A        | July 23, 2015      | 160SG140Q-4 (TM120)                                       |
| SL251          | B        | July 27, 2015      | 200SGL130Q-4 (TM121)                                      |
| SL252          | NR       | January 17, 2014   | 400SG142Q-3 (TM110)                                       |
| SL253          | NR       | February 13, 2014  | 300SGL138Q-6 (TM109)                                      |
| SL256          | B        | July 27, 2015      | 150SG122Q-4 (TM117) & 160SG140Q-4 (TM120)                 |
| SL257          | B        | July 28, 2015      | 200SGL130Q-4 (TM121)                                      |
| SL258          | NC       | June 16, 2014      | 300SGL168Q (TM109)  |
| SL259          | NC       | December 4, 2014   | 150SG132Q (TM101)   |



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|----------------|----------|-------------------|--|
| SL260          | NC       | September 5, 2014 | 400SG138Q-2 (TM110)                    |
| SL262          | NC       | December 15, 2014 | 300SGL126Q-2 (TM109)                   |
| SL267          | NC       | July 1, 2015      | TM105A                                 |
| SL268          | NC       | September 2, 2015 | 200SGL144Q (TM105A)                    |
| SL269          | NC       | March 30, 2016    | 300SGL116Q-6 (TM109)                   |
| SL270          | NC       | March 30, 2016    | 300SGL116Q-7 (TM109)                   |
| SL271          | NC       | July 15, 2015     | TM105A                                 |
| SL275          | NC       | March 20, 2017    | 160SG143Q-3 (TM102)                    |
| SL276          | A        | April 18, 2018    | 150SG (TM101) and 160SG (TM102) SERIES |
| SL280          | NC       | August 18, 2017   | TM117                                  |
| SL281          | NC       | August 18, 2017   | TM120                                  |
| SL282          | NC       | August 18, 2017   | TM121                                  |
| SL284          | NC       | February 13, 2020 | TM110                                  |
| SL285          | NC       | January 15, 2015  | TM102                                  |
| SL286          | A        | January 16, 2020  | TM109                                  |
| SL287          | NC       | January 15, 2018  | 300SGL116Q-6 (TM109)                   |
| SL290          | A        | August 22, 2018   | TM110                                  |
| SL291          | NC       | July 24, 2018     | TM109                                  |
| SL292          | NC       | July 24, 2018     | TM102                                  |
| SL293          | NC       | July 24, 2018     | TM105A                                 |
| SL294          | NC       | August 23, 2018   | TM109                                  |
| SL295          | B        | October 7, 2019   | TM109                                  |
| SL298          | NC       | July 28, 2020     | (LIMITED DISTRIBUTION)                 |
| SL299          | A        | June 22, 2019     | TM109                                  |
| SL301          | NC       | April 19, 2019    | TM109                                  |
| SL302          | NC       | May 3, 2019       | TM107                                  |
| SL303          | NC       | May 8, 2019       | TM110                                  |
| SL304          | NC       | June 18, 2019     | TM109                                  |
| SL305          | NC       | June 18, 2019     | TM109                                  |
| SL306          | NC       | July 16, 2019     | TM110                                  |
| SL313          | NC       | March 4, 2020     | 200SGL115Q & 200SGL142Q (TM105A)       |
| SL315          | B        | July 1, 2020      | TM110                                  |
| SL316          | A        | May 7, 2020       | 300SGL158Q-2 (TM109)                   |
| SL318          | A        | June 25, 2020     | 250SG111Q-4 (TM107)                    |
| SL319          | A        | June 25, 2020     | 250SG111Q-5 (TM107)                    |
| SL320          | NC       | October 2, 2020   | TM105A                                 |
| SL321          | NC       | October 13, 2020  | TM113                                  |
| SL322          | NC       | December 14, 2020 | TM105A                                 |