



## TECHNICAL MANUAL INDEX - July 1, 2020

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), & 200SGL130Q-4 (TM121)
SB 150SG194	NC	MAY 30, 2018	150SG & 160SG SERIES (TM101, TM102)
SB 150SG201	NC	JULY 18, 2018	ALL
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)



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SERVICE BULLETIN	REVISION	DATE OF REVISION	SERIES/TM
SB 200SGL188	NC	JULY 18, 2017	200SGL129Q-2 (TM125)
SB 200SGL193	NC	FEBRUARY 23, 2018	ALL 200SGL SERIES (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 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	300SG120Q-2 (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 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
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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SERVICE LETTER	REVISION	DATE OF REVISION	SERIES/TM
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
SL272	NC	NOVEMBER 22, 2016	200SGL147Q-4 (TM128)
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
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
SL308	A	FEBRUARY 3, 2020	TM105A
SL313	NC	MARCH 4, 2020	200SGL115Q & 200SGL142Q (TM105A)
SL314	NC	MARCH 9, 2020	300SGL146Q-3-XL (TM109)
SL315	A	APRIL 21, 2020	TM110
SL316	A	MAY 7, 2020	300SGL158Q-2 (TM109)
SL317	NC	APRIL 27, 2020	300SGL145Q-2 (TM109)
SL318	NC	MAY 11, 2020	250SG111Q-4 (TM107)
SL319	NC	MAY 11, 2020	250SG111Q-5 (TM107)