

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Briggs & Stratton Corporation	S.A. "A"	S.A. "A"	Gasoline
Kohler Company	S.A. "A"	S.A. "A"	Gasoline
Kawasaki Heavy Industries, Ltd.	S.A. "A"	S.A. "A"	Gasoline
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2011	CP	4.64, 11.26, 15.09, 6.18	Riding Mower, Tractor
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister, Treated HDPE		See Attachment (Model Summary)	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Sealar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-Letter CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.</small>			

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m<sup>2</sup>/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

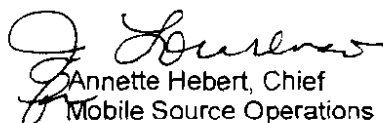
*not applicable		DESIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m <sup>2</sup> /day)		FUEL TANK PERMEATION (grams ROG/m <sup>2</sup> /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, C-U-027-024	2.5	Q-07-019	1.4	C-U-06-015

**BE IT FURTHER RESOLVED:** That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

Executed at El Monte, California on this 25<sup>th</sup> day of February 2011.

  
 Annette Hebert, Chief  
 Mobile Source Operations Division

Model Summary  
Engine BSXS.3442VA

Attachment 1 of 22

S1. Work Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State											
	LT	X		II	Carb	4.64	0.176	ML	229	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	4.64	0.176	ML	381	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X		II	Carb	4.64	0.176	ML	533	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	4.64	0.176	ML	229	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	4.64	0.176	ML	381	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X		II	Carb	4.64	0.176	ML	533	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	11.26	0.492	ML	1092	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	11.26	0.492	ML	1245	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	11.26	0.492	ML	1397	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	11.26	0.492	ML	1549	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	11.26	0.492	ML	1092	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	11.26	0.492	ML	1245	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	11.26	0.492	ML	1397	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X		II	Carb	11.26	0.492	ML	1549	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X		II	Carb	11.26	0.492	ML	1092	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X		II	Carb	11.26	0.492	ML	1245	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X		II	Carb	11.26	0.492	ML	1397	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X		II	Carb	11.26	0.492	ML	1549	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	15.09	0.492	ML	1092	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X		II	Carb	15.09	0.492	ML	1245	6	ABSXS.3442VA BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Model Summary  
Engine BSXS.3442VA

Attachment 2 of 22

	LT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1092	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1245	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1092	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	OT	X			II	Carb	15.09	0.492	ML	1245	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	OT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LRVb	X			II	Carb	6.18	0.246	ML	369	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	Q-09-024
	LRVb	X			II	Carb	6.18	0.246	ML	521	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	Q-09-024
X	LRVb	X			II	Carb	6.18	0.246	ML	673	6	ABSXS.3442VA, BBSXS.3442VA	Q-07-019	G-05-018 and/or C-U-027-024	Q-09-024

Model Summary  
Engine BSXS.5002V

Attachment 3 of 22

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State											
	LT	X			II	4.64	0.176	ML	229	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	4.64	0.176	ML	381	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	4.64	0.176	ML	533	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	4.64	0.176	ML	229	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	4.64	0.176	ML	381	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	4.64	0.176	ML	533	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	11.26	0.492	ML	1092	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	11.26	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	11.26	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	11.26	0.492	ML	1992	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	11.26	0.492	ML	1992	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	11.26	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	11.26	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	11.26	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	11.26	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	11.26	0.492	ML	1092	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	11.26	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	11.26	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	11.26	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	15.09	0.492	ML	1092	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	15.09	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Model Summary  
 Engine BSXS.5002VW

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	LT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.5002VV, BBXSX.5002VV	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Model Summary  
Engine BSXS.5402VL

Attachment 5 of 22

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.5402VL, BBXSX.5402VL	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015



Attachment 7 of 22

Model Summary  
Engine BSXS.7242VA

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	4.64	0.176	ML	229	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	4.64	0.176	ML	381	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
X	LT	X			II	4.64	0.176	ML	533	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	4.64	0.176	ML	229	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	4.64	0.176	ML	381	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
X	YT	X			II	4.64	0.176	ML	533	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1549	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1549	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1549	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	15.09	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	15.09	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	



Attachment 8 of 22  
 Model Summary  
 Engine BSXS.7242VA

LT	X					II	Comb	15.09	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
LT	X					II	Comb	15.09	0.492	ML	1349	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					II	Comb	15.09	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					II	Comb	15.09	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					II	Comb	15.09	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					II	Comb	15.09	0.492	ML	1349	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					II	Comb	15.09	0.492	ML	1092	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					II	Comb	15.09	0.492	ML	1245	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					II	Comb	15.09	0.492	ML	1397	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					II	Comb	15.09	0.492	ML	1549	6	ABXSX.7242VA, BBXSX.7242VA	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Attachment 9 of 22  
Model Summary  
Engine BSXS.7242VE

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.7242VE, BBXSX.7242VE	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015



# Attachment III of 22

## Model Summary Engine BSXS.7242VN

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (F1 or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Attachment 12 of 22  
 Model Summary  
 Engine BSXS.7242VN

	LT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1092	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1245	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1397	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1549	6	ABXSX.7242VN, BBXSX.7242VN	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

# Attachment 13 of 22

## Model Summary Engine BSXS.8102VS

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Attachment 14 of 22  
 Model Summary  
 Engine BSXS.8102VS

	LT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1092	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1245	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1397	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1549	6	ABSXS.8102VS, BBSXS.8102VS	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

# Attachment 15 of 22

## Model Summary Engine KHSX.5972GB

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015



Attachment 16 of 22  
 Model Summary  
 Engine KHSX.5972GB

	LT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	15.09	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	15.09	0.492	ML	1549	6	AKHXS.5972GB, BKHXS.5972GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Attachment 17 of 22  
Model Summary  
Engine KHSX.7252GB

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7252GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

Attachment 18 of 22  
 Model Summary  
 Engine KHSX.7252GB

LT	X					Carb	15.09	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
L.T	X					Carb	15.09	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					Carb	15.09	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					Carb	15.09	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					Carb	15.09	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
YT	X					Carb	15.09	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					Carb	15.09	0.492	ML	1092	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					Carb	15.09	0.492	ML	1245	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					Carb	15.09	0.492	ML	1397	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015
GT	X					Carb	15.09	0.492	ML	1549	6	AKHXS.7252GB, BKHX.7251GB	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015

# Attachment 19 of 22

## Model Summary Engine KHSX.7252GC

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Cantainer or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	LT	X			II	4.64	0.176	ML	229	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	4.64	0.176	ML	381	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
X	LT	X			II	4.64	0.176	ML	533	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	4.64	0.176	ML	229	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	4.64	0.176	ML	381	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
X	YT	X			II	4.64	0.176	ML	533	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1092	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1245	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1397	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	11.26	0.492	ML	1549	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1092	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1245	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1397	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	YT	X			II	11.26	0.492	ML	1549	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1092	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1245	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1397	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	GT	X			II	11.26	0.492	ML	1549	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	15.09	0.492	ML	1092	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	
	LT	X			II	15.09	0.492	ML	1245	6	AKHS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-06-015	

Attachment 20 of 22  
 Model Summary  
 Engine KHSX.7252GC

LT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
LT	X			II	Carb	15.09	0.492	ML	1349	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
YT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
YT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
YT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
YT	X			II	Carb	15.09	0.492	ML	1349	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
GT	X			II	Carb	15.09	0.492	ML	1092	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
GT	X			II	Carb	15.09	0.492	ML	1245	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
GT	X			II	Carb	15.09	0.492	ML	1397	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015
GT	X			II	Carb	15.09	0.492	ML	1349	6	AKHXS.7252GC, BKHX.7252GC	Q-07-019	G-05-018 and/or C-U-027-024	C-U-006-015

# Attachment 21 of 22

## Model Summary Engine KAXS.7267CB

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)	S7. Fuel Tank Internal Surface Area (m2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive  Order
		CA Only	49-State	50-State											
	LT	X			II	Carb	4.64	0.176	ML	229	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	4.64	0.176	ML	381	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
X	LT	X			II	Carb	4.64	0.176	ML	533	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	229	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	4.64	0.176	ML	381	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
X	YT	X			II	Carb	4.64	0.176	ML	533	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1092	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1245	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1397	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	11.26	0.492	ML	1549	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1092	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1245	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1397	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	YT	X			II	Carb	11.26	0.492	ML	1549	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1092	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1245	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1397	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	GT	X			II	Carb	11.26	0.492	ML	1549	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1092	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
	LT	X			II	Carb	15.09	0.492	ML	1245	6	BKAXS.7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015

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## Model Summary Engine KAXS 7267CB

LT	X		II	Carb	15.09	0.492	ML	1397	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
LT	X		II	Carb	15.09	0.492	ML	1349	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
YT	X		II	Carb	15.09	0.492	ML	1092	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
YT	X		II	Carb	15.09	0.492	ML	1245	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
YT	X		II	Carb	15.09	0.492	ML	1397	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
YT	X		II	Carb	15.09	0.492	ML	1349	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
GT	X		II	Carb	15.09	0.492	ML	1092	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
GT	X		II	Carb	15.09	0.492	ML	1245	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
GT	X		II	Carb	15.09	0.492	ML	1397	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015
GT	X		II	Carb	15.09	0.492	ML	1349	6	BKAXS 7262CB	Q-07-019	G-05-018 and/or Q-18-034	C-U-06-015