

Canister / Metal

#### MARSON INTERNATIONAL, LLC

EXECUTIVE ORDER U-U-167-0001 New Off-Road Small Spark-Ignition Equipment

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 FA	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)		
		6N5XS.653	2GI (U-U-008-0152)	653			
	ONAN CORPORATION	6N5XS.6532	2GG (U-U-008-0151)	653	1		
		6N5XS.3042	2GG (U-U-008-0149)	304	Gasoline		
CUM	MINS POWER GENERATION	8N5XS.653	2GI (U-U-008-0169)	653			
COM	WIINS FOWER GENERATION	8N5XS.6532	2GG (U-U-008-0167)	653			
BC = To B	e Certified	EQUIPME	NT DESCRIPTION				
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION				
2008	CMRVRV2	37.8, 64.3, 68.1, 75.7, 83.2, 90.8, 105.9, 113.5	Generator	Set, Generato	or w/ Refueling Station		
EMISSION	CONTROL SYSTEMS (ECS)		ENGINE and/or i	EQUIPMENT N	MODEL		

A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:

Metal=M Treated HDPE or PE=P Co-extruded=C Selar=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.

See Attachment

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/m²/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		PERFORMANCE BASED (grams HC/day)						
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	CERTIFICATION ( EVE						
1.20 + 0.056*Tank Vol. (L)	0.3	= (STANDARD) - (EFELD)	2.3					

**BE IT FURTHER RESOLVED:** That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

**BE IT FURTHER RESOLVED:** That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model and it's for use in the averaging and banking program. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1(e).

**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 \_\_\_\_

day of October 2008

Annette Hebert, Chief

Mobile Source Operations Division

					Oic	(Check	Case	Worst	S1.
RV10	RV10	RV10	RV10	RV10			Model	Equipment	S2.
					CA Only		alla	Sales	
					CA 49- Only State		all appropriate)	Sales Codes (check	S3.
X	х	Х	х	×	50- State		iate)	(check	
111	П	п	П	Ш	11)	(I or	Class	Engine	S4.
FI	FI	FI	FI	CARB	CARD)	(Flor	System	Fuel	S5.
37.8	37.8	37.8	37.8	37.8	(Liters)	Vol.	Tank	Fuel	S6.
0.800476	0.800476	0.800476	0.800476	0.800476	Area (m²)	Internal	Tank	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Type	Line	Fuel	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Line	Fuel	Nominal	S9.
4.78 ± 0.51	(mm)	Inside	Line	Fuel	S10.				
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG			Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Olaci	Executive	Tank	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Order	Executive	Fuel Line	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Control Executive Order	or Other	Canister	Carbon	S14.

<sup>(1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

## Attachment 2 of 14

# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

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RV10	RV10	RV10	RV10			Model	Equipment	S2.
				CA Only		all a	Sales	
				49- State		ppropri	Codes (	S3.
Х	Х	X	X	50- State		ate)	check	
П	п	П	П	15	(I or	Class	Engine	S4.
FI	FI	FI	CARB	CARB	(FI or	System	Fuel	S5.
37.8	37.8	37.8	37.8	(Elicis)	Vol.	Tank	Fuel	S6.
0.800476	0.800476	0.800476	0.800476	Area (m²)	Internal	Tank	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer		Туре	Line	Fuel	S8
609.6	609.6	609.6	609.6	(mm)	Line	Fuel	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Inside	Line	Fuel	S10.
6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG			Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Older	Executive	Tank	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018		Order	Executive	Fuel Line	S13.
Q-07-015	Q-07-015	Q-07-015	Q-07-015	Control Executive Order	or Other	Canister	Carbon	S14.
	X II FI 37.8 0.800476 Multi- 609.6 4.78 ± 6N5XS.6532GG Exempt G-05-018	X     II     FI     37.8     0.800476     Multi-layer     609.6     4.78 ± 0.51     6N5XS.6532GI     Exempt (Steel)     G-05-018       X     II     FI     37.8     0.800476     Multi-layer     609.6     4.78 ± 0.51     6N5XS.6532GG     Exempt (Steel)     G-05-018	X       II       FI       37.8       0.800476 layer       Multi-layer       609.6 0.51       4.78 ± 0.51       8N5XS.6532GI       Exempt (Steel)       G-05-018         X       II       FI       37.8       0.800476 layer       Multi-layer       609.6 0.51       6N5XS.6532GI       Exempt (Steel)       G-05-018         X       II       FI       37.8       0.800476 layer       609.6 layer       4.78 ± 0.51       6N5XS.6532GG       Exempt (Steel)       G-05-018	X         II         CARB         37.8         0.800476         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GG         Exempt (Steel)         G-05-018           X         II         FI         37.8         0.800476         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         37.8         0.800476         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         37.8         0.800476         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018	CA         49- 50- My State         11 State         CARB Only State         (Liters) Surface (m²)         Length Area (m²)         Length (m²)         Diameter (mm)         (mm)         (mm)         (mm)         (mm)         (mm)         Ontrol           RV10         X         II         CARB         37.8         0.800476         Multi- 609.6 (m²)         4.78 ± 8N5XS.6532G         Exempt (Steel)         G-05-018           RV10         X         II         FI         37.8 (0.800476)         Multi- 609.6 (0.51)         4.78 ± 8N5XS.6532GI         Exempt (Steel)         G-05-018           RV10         X         II         FI         37.8 (0.800476)         Multi- 609.6 (0.51)         609.6 (0.51)         8N5XS.6532GI         Exempt (Steel)         G-05-018           RV10         X         II         FI         37.8 (0.800476)         Multi- 609.6 (0.51)         609.6 (0.51)         6N5XS.6532GI         Exempt (Steel)         G-05-018           RV10         X         II         FI         37.8 (0.800476)         Multi- 609.6 (0.51)         609.6 (0.51)         6N5XS.6532GI         Exempt (Steel)         G-05-018	CA   49-   50-   II)   CARB   CARB   CI or   CI or	Model         all appropriate)         Class (Tor CARB)         System (Tor CARB)         Tank (Tor CARB)         Line (Line Inside Longth)         Fuel Line Inside Line Inside Longth)         Line Inside Line Inside Longth)         Line Inside Line Line Inside Line Line Line Line Line Line Line Lin	Equipment Model         Sales Codes (check all appropriate)         Engine Class (I)         Fuel Class (Fl or Only         Fuel Fuel (I)         Fuel Tank (File)         Fuel Tank (II)         Fuel Tank (II)         Fuel Tank (II)         Fuel Tank (III)         Fuel Tank (III)         Fuel Tank (III)         Fuel Tank (III)         Fuel Tank (III)         Fuel Tank (III)         Line Haide (III)         Fuel Tank (III)         Fuel Tank (IIII)         Fuel Tank (IIIII)         Fuel Tank (IIII)         Fuel Tank (IIII)

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

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					One)	Case (Check	Worst	S1.
RV17 X II FI 64.3	RV17	RV17	RV17	RV17			Equipment Model	S2.
					CA 49- Only State	all appropriate)	Sales Codes (check	S3.
×	×	×	×	×	- 50- te State	priate)	es (check	٠
Е	11	п	п	п	Ę	Class (I or	Engine	S4.
FI	FI	FI	13	CARB	CARD	System (FI or	Fuel	S5.
64.3	64.3	64.3	64.3	64.3	(Elicis)		Fuel	S6.
1.2552	1.2552	1.2552	1.2552	1.2552	Area (m²)	Tank Internal	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Line Type	Fuel	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Fuel Line	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51		 J	Fuel	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)		Executive Order	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Order	Fuel Line	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Control Executive Order	or Other Venting	Carbon	S14.

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

## Attachment 4 of 14

N-4-167-0001

# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

3	200000000000000000000000000000000000000	MODE SIMMARY

					Worst Case (Check One)
RV17	RVI7	RV17	RV17	RV17	S2. Equipment Model
					Sales Codes all appropr  CA 49- Only State
×	×	×	×	×	Sales Codes (check all appropriate)  CA 49- 50- Only State State
П	Ш	п	п	п	Engine Class (1 or II)
FI	FI	FI	FI	CARB	Fuel System (F1 or CARB)
64.3	64.3	64.3	64.3	64.3	S6. Fuel Tank Vol. (Liters)
1.2552	1.2552	1.2552	1.2552	1.2552	Fuel Tank Internal Surface Area (m²)
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer	S8. Fuel Line Type
609.6	609.6	609.6	609.6	609.6	Nominal Fuel Line Length <sup>(1)</sup>
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	Fuel Line Inside Diameter (mm)
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG	S11. Exhaust Family Engine Code
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Fuel Tank Executive Order
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018	Fuel Line Executive Order
Q-07-015	Q-07-015	Q-07-015	Q-07-015	Q-07-015	Carbon Canister or Other Venting Control Executive Order

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# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

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						Worst Case (Check One)	61
1) The naminal final line lengths can be around into increment of + 3 inches (76 mm)	RV18	RV18	RV18	RV18	RV18	52. Equipment Model	es .
no landh						Sales ( all a: CA Only	
מא מכיי						Sales Codes (check all appropriate)  CA 49- 50- Only State State	3
	X	X	×	X	×	check ate) 50- State	
into income	П	П	П	п	Ш	Engine Class (I or II)	20
	FI	FI	FI	FI	CARB	Fuel System (FI or CARB)	22
176 m	68.1	68.1	68.1	68.1	68.1	Fuel Tank Vol. (Liters)	20
-	1.32035	1.32035	1.32035	1.32035	1.32035	Fuel Tank Internal Surface Area (m²)	67
	Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer	Fuel Line Type	0.0
	609.6	609.6	609.6	609.6	609.6	Nominal Fuel Line Length <sup>(1)</sup> (mm)	20
	4.78 ± 0.51	Fuel Line Inside Diameter (mm)	010				
	6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG	Exhaust Family Engine Code	611
	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Fuel Tank Executive Order	613
	G-05-018	G-05-018	G-05-018	G-05-018	G-05-018	Fuel Line Executive Order	013
	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Carbon Canister or Other Venting Control Executive Order	617
			L			· · · · · · · · · · · · · · · · · · ·	_

The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm

## Attachment 6 of 14

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# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

					One)	Case (Check	Worst	S1.
RV18	RV18	RV18	RV18	RV18			Equipment Model	S2.
					CA 49- Only State 5	all appropriate)	Sales Codes (check	S3.
X	х	Х	Х	X	50- State		leck	
П	п	П	П	П	Ш)	Class (I or	Engine	S4.
FI	FI	FI	FI	CARB	CAKB)	System (FI or	Fuel	S5.
68.1	68.1	68.1	68.1	68.1	(Liters)	Tank Vol.	Fuel	S6.
1.32035	1.32035	1.32035	1.32035	1.32035	Area (m²)	Tank Internal	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer	^-	Line Type	Fuel	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Fuel Line	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(min)	Line Inside	Fuel	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Older	Tank Executive	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Executive Order	Fuel Line	S13.
Q-07-015	Q-07-015	Q-07-015	Q-07-015	Q-07-015	Control Executive Order	Canister or Other	Carbon	S14.

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

				· · · · · · · · · · · · · · · · · · ·	
				Worst Case (Check One)	S1.
RV20	RV20	RV20	RV20	Equipment Model	S2.
	3			Sales Codes ( all appropri all appropri CA 49- Only State	S3.
×	×	×	×	check ate) 50- State	
п	п	п	п	Engine Class (I or II)	S4.
FI	FI	FI	CARB	Fuel System (FI or CARB)	S5.
75.7	75.7	75.7	75.7	Fuel Tank Vol. (Liters)	S6.
1.44998	1.44998	1.44998	1.44998	Fuel Tank Internal Surface Area (m²)	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Fuel Line Type	S8.
609.6	609.6	609.6	609.6	Nominal Fuel Line Length <sup>(1)</sup> (mm)	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	Fuel Line Inside Diameter (mm)	S10.
6N5XS.6532GG	6N5XS.6532GI	8N5XS,6532GI	8N5XS.6532GG	Exhaust Family Engine Code	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Fuel Tank Executive Order	S12.
G-05-018	G-05-018	G-05-018	G-05-018	Fuel Linc Executive Order	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Carbon Canister or Other Venting Control Executive Order	S14.
	X II FI 75.7 1.44998 Multi- 609.6 4.78 ± 6N5XS.6532GG Exempt (Steel) G-05-018	X     II     FI     75.7     1.44998     Multi-layer     609.6     4.78 ± 0.51     6N5XS.6532GI     Exempt (Steel)     G-05-018       X     II     FI     75.7     1.44998     Multi-layer     609.6     4.78 ± 0.51     6N5XS.6532GG     Exempt (Steel)     G-05-018	X       II       FI       75.7       1.44998       Multi-layer       609.6       4.78 ± 0.51       8N5XS.6532GI       Exempt (Steel)       G-05-018         X       II       FI       75.7       1.44998       Multi-layer       609.6       4.78 ± 0.51       6N5XS.6532GI       Exempt (Steel)       G-05-018         X       II       FI       75.7       1.44998       Multi-layer       609.6       4.78 ± 0.51       6N5XS.6532GG       Exempt (Steel)       G-05-018	X         II         CARB         75.7         1.44998         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GG         Exempt (Steel)         G-05-018           X         II         FI         75.7         1.44998         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         75.7         1.44998         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         75.7         1.44998         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         75.7         1.44998         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018	Fuel   Fuel

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						Olic)	(Check	Worst	S1.
1) The nominal final line lengths can be arruped into increment of + 3 inches (76)	RV20	RV20	RV20	RV20	RV20		٠	Equipment Model	S2.
a langths can						CA 49- Only State	an appropriate)	Sales Codes (check	S3.
אם מיייים	×	×	×	×	×	te State	/priate)	es (check	•
into incom	п	ш	::	IJ	li li	15)	(I or	Engine	S4.
1 C + 2 4 400	FI	FI	FI	FI	CARB	CAKB)	(FI or	Fuel	S5.
35) anda	75.7	75.7	75.7	75.7	75.7	(Liters)	Vol.	Fuel	S6.
-	1.44998	1.44998	1.44998	1.44998	1.44998	Area (m²)	Internal	Fuel	S7.
	Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Type	Fuel	S8.
	609.6	609.6	609.6	609.6	609.6	(mm)	Line	Nominal	S9.
	4.78 ± 0.51	(mm)		Fuel	S10.				
	6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Engine Code	Exhaust Family	S11.
	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Order	Executive	Fuel	S12.
	G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Order	Fuel Line	S13.
	Q-07-015	Q-07-015	Q-07-015	Q-07-015	Q-07-015	Venting Control Executive Order	or Other	Carbon	S14.
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## Attachment 9 of 14

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# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

					Olie)	(Check	Case	Worst	SI.
RV22	RV22	RV22	RV22	RV22				Equipment Model	S2
					CA Only		all a	Sales (	
					49- State		all appropriate)	Sales Codes (check	S3.
x	X	X	X	X	50- State		ate)	check	
п	II	П	П	11	11)	(I or	Class	Engine	S4.
FI	FI	FI	FI	CARB	CAKB)	(Fl or	System	Fuel	S5.
83.2	83.2	83.2	83.2	83.2	(Liters)	Vol.	Tank	Fuel	S6.
1.58028	1.58028	1.58028	1.58028	1.58028	Arca (m²)	Internal	Tank	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Type	Line	Fuel	S8.
609,6	609.6	609.6	609.6	609.6	(mm)	Line	Fuel	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Inside	Line	Fuel	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG			Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Older	Executive	Tank	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Order	Executive	Fuel Line	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Control Executive Order	or Other	Canister	Carbon	S14.

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

					One)	Case (Check	Worst	S1.
RV22	RV22	RV22	RV22	RV22		,	Equipment Model	S2.
					CA 49- Only State	all appropriate)	Sales Codes (check	S3.
×	×	×	×	×	- 50- te State	priate)	s (check	
П	11	П	II	ш	E)	Class (I or	Engine	S4.
FI	FI	FI	FI	CARB	CAKB)	System (Fl or	Fuel	S5.
83.2	83.2	83.2	83.2	83.2	(Litets)	Tank Vol.	Fuel	S6.
1.58028	1.58028	1.58028	1.58028	1.58028	Area (m²)	Tank Internal	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Line Type	Fuel	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Fuel Line	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Line Inside	Fuel	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Engine Code	Exhaust Family	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Cider	Tank Executive	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Executive Order	Fuel Line	S13.
Q-07-015	Q-07-015	Q-07-015	Q-07-015	Q-07-015	Control Executive Order	Canister or Other	Carbon	S14.

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

## Attachment 11 of 14

### U-4-167-0001

### (Supplementary Information)

					One)	Worst Case (Check	S1.
RV24	RV24	RV24	RV24	RV24		Equipment Model	S2.
					CA Only	Sales all a	
					49- State	Sales Codes (check all appropriate)	S3.
×	×	×	×	×	50- State	check ate)	ļ
11	п	П	П	п	Ш	Engine Class (I or	S4.
FI	FI	FI	FI	CARB	CARB)	Fuel System (FI or	S5.
90.8	90.8	90.8	90.8	90.8	(Liters)	Fuel Tank Vol.	S6.
1.70992	1.70992	1.70992	1.70992	1.70992	Area (m²)	Fuel Tank Internal	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer	· · · · · · · · · · · · · · · · · · ·	Fuel Line Type	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Nominal Fuel Line	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Fuel Line Inside	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Exhaust Family Engine Code	S11.
Ġ	"						
G Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Older	Fuel Tank Executive	S12.
		Exempt G-05-018	Exempt G-05-018 (Steel)	Exempt G-05-018	Clasi	Fuel Fuel Line Tank Executive Executive Order	S12. S13.
Exempt (Steel)	Exempt (Steel)				Control Executive Order	Fuel Line Executive Order	

## Attachment 12 of 14

#### U-U-167-0001

## (Supplementary Information)

				One)	(Check	Worst Case	S1.
RV24	RV24	RV24	RV24			Equipment Model	S2.
				49- State		Sales Codes (cl all appropriat	S3.
×	×	×	X	50- State		heck ie)	
II	п	П	П	11)	(I or	Engine Class	S4.
FI	EI	FI	CARB	CAIAD)	(FI or	Fuel System	S5.
90.8	90.8	90.8	90.8	(Little)	Vol.	Fuel Tank	S6.
1.70992	1.70992	1.70992	1.70992	Area (m²)	Internal	Fuel Tank	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer		Type	Fuel Line	S8.
609.6	609.6	609.6	609.6	(mm)	Line I enoth <sup>(1)</sup>	Nominal Fuel	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Inside Diameter	Fuel Line	S10.
6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG			Exhaust Family Engine Code	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)		Executive	Fuel Tank	S12.
G-05-018	G-05-018	G-05-018	G-05-018		Order	Fuel Line Executive	S13.
Q-07-015	Q-07-015	Q-07-015	Q-07-015	Control Executive Order	or Other Venting	Carbon Canister	S14.
	X II FI 90.8 1.70992 Multi- 609.6 4.78 ± 6N5XS.6532GG Exempt G-05-018	X II FI 90.8 1.70992 Multi- 609.6 4.78 ± 6N5XS.6532GI Exempt (Steel) G-05-018  X II FI 90.8 1.70992 Multi- 609.6 4.78 ± 6N5XS.6532GG (Steel) G-05-018	X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GI         Exempt (Steet)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steet)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GG         Exempt (Steet)         G-05-018	X         II         CARB         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GG         Exempt (Steel)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         8N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018           X         II         FI         90.8         1.70992         Multi-layer         609.6         4.78 ± 0.51         6N5XS.6532GI         Exempt (Steel)         G-05-018	CA 49- 50- 110 CAND   C	CA   49- 50-   II)   CARB   CARB   CLiters   Surface   Conder   CARB   Cliters   CARB   CLiters   Conder   CARB   CLiters   Conder   Conder   CARB   CLiters   Conder   Cond	Equipment Model         Sales Codes (check all appropriate)         Engine class of Class all appropriate)         Fuel class (Flor all appropriate)         Fuel (Ior class (Flor vol. all appropriate)         Fuel vol. all appropriate (Ior class (Flor vol. all appropriate)         Fuel vol. all appropriate (Ior class (Flor vol. all appropriate)         Fuel vol. all appropriate (Ior class (Flor vol. appropriate)         Fuel Line Finel Line Finel Line (Ior class (Flor vol. appropriate)         Fuel Line Finel Line (Ior class (Flor vol. appropriate)         Fuel Line Finel Line (Ior class (Flor vol. appropriate)         Fuel Line Finel Line Finel Line (Ior class (Flor vol. appropriate)         Fuel Line Finel Line Finel Line (Ior class (Flor vol. appropriate)         Fuel Line Finel Line Finel Line Finel Line (Ior class (Flor vol. appropriate)         Line Finel Code (Flor vol. appropriate)         Line Finel Li

<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

		·						
					Olle)	(Check	Worst	S1.
RV28	RV28	RV28	RV28	RV28			Equipment Model	S2.
					CA Only	211 2	Sales	
					49- State	an appropriate)	Sales Codes (check	<b>S</b> 3.
×	×	×	X	X	50- State	ate)	check	
I	1	I	I	I	11)	(I or	Engine	S4.
FI	FI	FI	FI	CARB	CARB)	(FI or	Fuel	S5.
105.9	105.9	105.9	105.9	105.9	(Eleis)	Vol.	Fuel	S6.
1.96985	1.96985	1.96985	1.96985	1.96985	Area (m²)	Internal	Fuel	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer		Туре	Fuel	S8.
609.6	609.6	609.6	609.6	609.6	(mm)	Line	Nominal	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	(mm)	Inside	Fuel	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG		Engine Code	Exhaust Family	\$11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Cidei	Executive	Fuel	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018		Order	Fuel Line	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Control Executive Order	or Other	Carbon	S14.
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<sup>1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

						$\overline{}$
				×	Worst Case (Check One)	SI.
RV30 X II FI 113.5 2	RV30	RV30	RV30	RV30	Equipment Model	S2.
					Sales Codes (check all appropriate)  CA 49- 50- Only State State	
3		•			Codes (appropri	S3.
×	х	X	х	Х	(check iate)  50- State	
II	П	Ш	11	II	Engine Class (I or II)	S4.
FI	FI	FI	FI	CARB	Fuel System (FI or CARB)	S5.
113.5	113.5	113.5	113.5	113.5	Fuel Tank Vol. (Liters)	S6.
2.06193	2.06193	2.06193	2.06193	2.06193	Fuel Tank Internal Surface Area (m <sup>2</sup> )	S7.
Multi- layer	Multi- layer	Multi- layer	Multi- layer	Multi- layer	Fuel Line Type	S8.
609.6	609.6	609.6	609.6	609.6	Nominal Fuel Line Length <sup>(1)</sup> (mm)	S9.
4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	4.78 ± 0.51	Fuel Line Inside Diameter (mm)	S10.
6N5XS.3042GG	6N5XS.6532GG	6N5XS.6532GI	8N5XS.6532GI	8N5XS.6532GG	Exhaust Family Engine Code	S11.
Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Exempt (Steel)	Fuel Tank Executive Order	S12.
G-05-018	G-05-018	G-05-018	G-05-018	G-05-018	Fuel Line Executive Order	S13.
Q-07-016	Q-07-016	Q-07-016	Q-07-016	Q-07-016	Carbon Canister or Other Venting Control Executive Order	S14.