

JOHN DEERE

EXECUTIVE ORDER U-U-077-0070-1 New Off-Road Small Spark-Ignition Equipment

Pursuant to the authority vested in California 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-19-095:

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)						
	KOHLER COMPANY	NKHXS.7252GD (U- MKHXS.7252GD (U- PKHXS.7252GD (U-	-U-005-0698)	725	Gasoline						
	S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT APPLICATION							
2023	JDXCP1	See Attachment	Other								
EMISSION	I CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	СР	See Attachment									
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.											

The following are the evaporative emission standards (Title 13, California Code of Regulations, Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent day-1 or g ROG·m-2-day-1 or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·day·¹)									
1.20 + 0.056 × Nominal Capacity (L)									
FUEL LINE PERMEATION (g ROG·m²·day¹)			FANK PERMEATION ROG·m ⁻² ·day ⁻¹)	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	STANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER				
15	5 See Attachment		See Attachment	1.4	See Attachment				

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 Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and 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 evaporative 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.

This Executive Order hereby supersedes Executive Order U-U-077-0070 dated October 06, 2022.

Executed on this 4th day of August 2023.

Robin U. Lang, Chief

Johns Shi for

Emissions Certification and Compliance Division

SORE Evap > 80cc Model Summary Template (rev. 2020)

Date: ____ 9-May-23

Evaporative Family: _____ JDXCP1

For CARB Use Only
Executive Order: U-U-077-0070-1
Attachment __1_of_1__

Model Summary

		Si	3.			Se	5.								
		Sales Codes (Chec	k all appropriate)	ı		Fuel Tank Vo									
S1. Worst Case (Check One)	S2. Model	Calif. Only	50-State	S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
х	800 AERCORE		х	II	CARB	23.45	17.59	0.567	Multi-Layer	1450	6.35	MKHXS.7252GD NKHXS.7252GD PKHXS.7252GD	Q-19-109C	Q-19-002A	Q-19-064
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