

Attachment B Supplemental Data Sheet -OHRV Evaporative Systems

EO # **U-M-016-0136**

CARB Use Only.

Evaporative Family Description					
Manufacturer	<u>Kwang Yang Motor Co., Ltd.</u>			Engine Family	<u>MKYM.271MXU</u>
Model Year	2021			Evaporative Family	<u>MKYMU0008MXU</u>
Manufacturer Size (Check One)	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>			
Advanced Fuel System Credits	Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>		
Compliance Option (Check One)	72-Hr. Diurnal <input checked="" type="checkbox"/>		24-Hr. Diurnal <input type="checkbox"/>		Certify by Design Using Mfr.'s Data <input type="checkbox"/>
Durability Basis (Check One)	UL Vehicle <input checked="" type="checkbox"/>		DF <input type="checkbox"/>		

Emission Data Vehicle (EDV)					
Engine Family	<u>LKYM.271MXU</u>		Evaporative Family	<u>LKYMU0008MXU</u>	
Fuel System	Carburetor <input type="checkbox"/>	TBI <input checked="" type="checkbox"/>	DFI <input type="checkbox"/>	Other <input type="checkbox"/>	
	MFI <input type="checkbox"/>	SFI <input type="checkbox"/>			
Canister	Volume (cc) 155 ± 5 cc	W/C (grams) <u>g</u>	N/A <input type="checkbox"/>		
Purge Valve	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Pressure Vent Valve	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

Durability Data Vehicle (DDV)					
Engine Family	<u>LKYM.271MXU</u>		Evaporative Family	<u>LKYMU0008MXU</u>	
Fuel System	Carburetor <input type="checkbox"/>	TBI <input checked="" type="checkbox"/>	DFI <input type="checkbox"/>	Other <input type="checkbox"/>	
	MFI <input type="checkbox"/>	SFI <input type="checkbox"/>			
Canister	Volume (cc) 155 ± 5 cc	W/C (grams) <u>g</u>			
Purge Valve	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Pressure Vent Valve	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

72-Hour Diurnal Test			
CERT (TOG/day)	<u>0.939</u>		
STD (TOG/day)	<u>1</u>		
EFEL	<u>N/A</u>		
DF	<u>N/A</u>		
Pass Fuel Leakage Tip Test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

24-Hour Diurnal Test					
CERT (TOG/day)	<u> </u>				
STD (TOG/day)	<u> </u>				
EFEL	<u> </u>				
DF	<u> </u>				
Vented Emissions Compliance. (Select One)	6.4.2.5. a) NVL ≥ V _{total} ?	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
	6.4.2.5. b) Use 2 psig PVV?	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
	6.4.2.5. c) No PVV release?	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
Pass Fuel Leakage Tip Test?	Yes <input type="checkbox"/>	No <input type="checkbox"/>			

SVM Certify By Design			
	Fuel Tank Perm.	Fuel Hose Perm.	Canister Working Capacity per Fuel Tank Volume
CARB Component EO Number	<u> </u>	<u> </u>	<u> </u>
CERT	<u> </u>	<u> </u>	<u> </u>
STD	<u> </u>	<u> </u>	<u> </u>
Pass Fuel Leakage Tip Test?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

ABBREVIATIONS: CARB=California Air Resources Board; EO=Executive Order; TOG=total organic gases; CERT=certification level; STD=certification standard; EFEL=evaporative family emission limit; DF=deterioration factor; UL=useful life; EDV=emission data vehicle; DDV=durability data vehicle; TBI=throttle body fuel injection; MFI=multiport fuel injection; SFI=sequential multiport fuel injection; DFI=direct gasoline fuel injection; psig=pounds per square inch - gauge; W/C=canister gasoline working capacity; NVL=normalized vapor load.