

PEV Low Temp Test and Calculation Scheme

H_W : worst heater energy consumption




Step	Test description	Input	output	Test vehicle selection	Note
1	full 	UBE_1 @ 23°C PER_1 @ 23°C EC_1 @ 23°C	K_UBE K_PER_1, K_EC_1 PER/EC of V_ind in IPF_1	V_H with H_W in IPF_1	V_H for Type1 should have H_W configuration
2	3 cycles 	UBE_2 @ 23°C, K_UBE PER_2 @ 23°C EC_2 @ 23°C	K_PER_2, K_EC_2 PER/EC of V_ind in IPF_2	V_H with H_W in IPF_2	
3	none	PER_3 @ 23°C, K_PER_2 EC_3 @ 23°C, , K_EC_2	PER/EC of V_ind in IPF_3		
4	none	UBE_4 @ 23°C, K_UBE PER_4 @ 23°C, K_PER_1or2 EC_4 @ 23°C, K_EC_1or2	PER/EC of V_ind in IPF_4		
(5)	full or 3 cycles 				Manufacture option

Image of PEV Low Temp Test and Calculation

