

**MID-CAFE REPORT  
FOR  
2018 MODEL YEAR  
OF  
KIA MOTORS CORPORATION**

**- Light Trucks -**



NOTE : THIS REPORT CONTAINS [REDACTED] INFORMATION.

THE PRODUCTION VOLUME IS [REDACTED] INFORMATION  
AND THIS INFORMATION IS DEEMED BY KMC TO BE EXEMPT  
FROM DISCLOSURE UNDER 5 U.S.C. 552(B)(4) AND  
49 U.S.C 32910(c).

## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
I	Introduction	1
II	Projected Average and Required Fuel Economy	2 ~ 4
III*	Vehicle Configuration Information	5
IV*	Projected A/C Efficiency Credits	6
V*	Projected Off-cycle Credits	7
VI	Projected Average Fuel Economy Adjustment	8

Note \* : These sections contain [REDACTED] information

## **I. Introduction**

As required by 49 CFR Part 537.9, estimated fuel economy values for Sportage AWD, Sportage FE AWD, Sorento AWD, Sorento FWD, Sorento AWD FE, Sedona, Sedona SX, Sedona SXL are included in this report.

The certification emission-data and fuel economy data of the above-mentioned vehicles used to get the following fuel economy values were tested in accordance with applicable exhaust emission test procedures and complied with applicable 2018 exhaust emission standards as defined 40 CFR §86.

## II. Projected Average and Required Fuel Economy

### 1. Projected Average Fuel Economy

- LT : 28.1 MPG (without A/C efficiency & off-cycle credits)

- LT : 28.9 MPG (with A/C efficiency & off-cycle credits)

### 2. Projected Required Fuel Economy

- LT : 32.1 MPG

At this point in time and based on available best present information, the above projections represent the KIA MOTORS CORPORATION (KMC) average and required fuel economy for the 2018 model year for the purpose of the Act.

II. Projected Average and Required Fuel Economy

- Projected Required Fuel Economy

Projected Required	32.1
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Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class	Base Tire	Projected sales	Track width FR (inch)	Track width RR (inch)	Average Track width (inch)	Wheelbase (inch)	footprint (sqr feet)	Target standard	ETW	IWC
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	9,900	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
	Sportage FE AWD	2.4	AWD	SA6	225/60R17	13,945	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	4,810	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
	Sportage AWD	2.4	AWD	SA6	225/55R18	6,480	63.5	64.0	63.8	105.1	46.6	33.60	3,875	4,000
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	2,876	63.3	63.8	63.6	105.1	46.4	33.72	4,000	4,000
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	11,096	64.3	64.7	64.5	109.5	49.0	32.20	4,250	4,000
	Sorento FWD	2.4	FWD	SA6	235/65R17	6,525	64.3	64.7	64.5	109.5	49.0	32.20	4,000	4,000
Sorento 2.4 FWD	Sorento FWD	3.3	FWD	SA6	235/65R17, 235/60R18	11,072	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
	Sorento FWD	3.3	FWD	SA6	235/55R19	2,995	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
Sorento 3.3 FWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17, 235/60R18	15,583	64.1	64.5	64.3	109.5	48.9	32.26	4,500	4,500
	Sorento AWD	3.3	AWD	SA6	235/55R19	4,887	64.1	64.5	64.3	109.5	48.9	32.26	4,750	4,500
Sorento 3.3 AWD	Sedona	3.3	FWD	SA6	235/65R17	9,139	68.7	69.0	68.8	120.5	57.6	28.04	4,750	4,500
	Sedona	3.3	FWD	SA6	235/60R18	2,423	68.5	68.8	68.6	120.5	57.4	28.13	4,750	4,500
Sedona 3.3	Sedona SX	3.3	FWD	SA6	235/60R18	1,325	68.5	68.8	68.6	120.5	57.4	28.13	4,750	4,500
	Sedona SX	3.3	FWD	SA6	235/60R18	1,325	68.5	68.8	68.6	120.5	57.4	28.13	4,750	4,500
Sedona SX 3.3	Sedona SXL	3.3	FWD	SA6	235/55R19	1,342	68.3	68.6	68.4	120.5	57.2	28.21	5,000	5,000
	Sedona SXL	3.3	FWD	SA6	235/55R19	1,342	68.3	68.6	68.4	120.5	57.2	28.21	5,000	5,000

Projected Required	32.1
Total Sales Volume	104,402

$$CAFE_{required} = \frac{\sum_i PRODUCTION_i}{\sum_i TARGET_i}$$

III. Projected Average and Required Fuel Economy

- Projected Average Fuel Economy (without A/C efficiency & off-cycle credits)

<b>Projected Average</b>	<b>28.1</b>
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Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class	Base Tire	Projected sales	City_FE	Hwy_FE	Combined FE	IWC	Model Type Comb.FE	Model Type Vol
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	225/60R17	9,900	26.2	35.1	29.5745	4,000	29.4	23,849
	Sportage FE AWD	2.4	AWD	SA6	225/60R17	13,949	25.8	35.0	29.2612	4,000		
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	225/55R18	4,810	26.5	34.9	29.7188	4,000	29.8	11,290
	Sportage AWD	2.4	AWD	SA6	225/55R18	6,480	26.5	35.6	29.9445	4,000		
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	245/45R19	2,876	24.9	35.1	28.6460	4,000	28.6	2,876
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	235/65R17	11,096	26.0	35.6	29.5908	4,000	29.6	11,096
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	235/65R17	6,525	26.5	40.4	31.3545	4,000	31.4	6,525
	Sorento FWD	3.3	FWD	SA6	235/65R17, 235/60R18	11,072	22.2	36.1	26.8527	4,500	26.8	14,067
	Sorento FWD	3.3	FWD	SA6	235/65R19	2,995	22.1	35.1	26.5200	4,500		
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	235/65R17, 235/60R18	15,583	22.3	35.8	26.8575	4,500	26.9	15,583
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	235/65R19	4,887	21.0	32.4	24.9505	4,500	25.0	4,887
	Sedona	3.3	FWD	SA6	235/65R17	9,139	22.3	33.9	26.3588	4,500	26.4	11,562
	Sedona	3.3	FWD	SA6	235/60R18	2,423	22.3	33.9	26.3588	4,500		
Sedona SX 3.3	Sedona SX	3.3	FWD	SA6	235/60R18	1,325	22.8	34.7	26.9606	4,500	27.0	1,325
Sedona SXL 3.3	Sedona SXL	3.3	FWD	SA6	235/55R19	1,342	20.7	31.2	24.3943	5,000	24.4	1,342

<b>Average</b>	<b>28.1</b>
<b>Total Sales Volume</b>	<b>104,402</b>

III. Vehicle Configuration Information

Model Type Description	Chassis	Basic Engine (GPI)	Drive Type class	Tire class	Base Tire	Engine code	LVW	ETW	Eng. Disp.	Net rated power(kW)	Net horsepower	Fuel system	Emission control system	TIM class	Number of forward speed	CO2	NV	Acft. rate	Combined FE	Projected label <sup>1</sup>	Passenger carrying volume	Cargo carrying volume	Road load power at 50 mph	Safety at rest weight at Gross W <b>GVWR</b>	Safety GV2 (GV1) 7	Approach angle@20%	Breakover angle@14'	Departure angle@20'	Rolling clearance @50%	FRRS clearance @50%	IWF:
<b>Springer FE 2.4 AWD</b>	Springer FE AWD	E4	AWD	LAN	255/55R17	GAZAC	320	1385	2.4	161	220	TDI	TAC	S4A	6	Yes	21.7	1.27	28.54%	8.80	191.4	307	18.7	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.124)	4.00	
Springer FE AWD	Springer FE AWD	E4	AWD	LAN	255/55R17	GAZAC	320	1385	2.4	161	220	TDI	TAC	S4A	6	Yes	19.1	1.21	28.26%	13.84	191.4	307	16.1	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.124)	4.00	
Springer 2.4 AWD	Springer AWD	E4	AWD	LAN	255/55R17	GAZAC	317	1375	2.4	161	220	TDI	TAC	S4A	6	Yes	21.1	1.21	27.78%	8.81	191.4	307	17.4	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.124)	4.00	
Springer 2.0T AWD	Springer AWD	E4	AWD	LAN	255/55R16	GAZAC	311	1375	2.0	152	217	TDI	TAC	S4A	6	Yes	21.1	1.21	28.56%	2.55	191.4	307	17.5	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.124)	4.00	
Scoutek 2.4 AWD	Scoutek AWD	E4	AWD	LAN	255/55R17	GAZAC	417	1350	2.4	138	190	TDI	TAC	S4A	6	Yes	20.4	1.21	27.89%	8.81	192.9	313	17.0	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 2.0 AWD	Scoutek FWD	E4	FWD	LAN	255/55R17	GAZAC	420	1300	2.4	138	190	TDI	TAC	S4A	6	Yes	20.8	1.21	27.50%	8.81	192.9	313	17.2	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 3.1 FWD	Scoutek FWD	E3	FWD	LAN	255/55R17	GAZAC	420	1300	3.1	214	290	TDI	TAC	S4A	6	Yes	20.7	1.04	28.42%	11.27	192.9	313	17.4	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 3.1 FWD	Scoutek FWD	E3	FWD	LAN	255/55R16	GAZAC	420	1300	3.1	214	290	TDI	TAC	S4A	6	Yes	20.8	1.04	28.26%	2.55	192.9	313	17.2	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 3.1 FE AWD	Scoutek AWD FE	E3	AWD	LAN	255/55R17	GAZAC	424	1300	3.1	214	290	TDI	TAC	S4A	6	Yes	20.1	1.04	28.57%	11.21	192.9	313	17.5	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 3.3 AWD	Scoutek AWD	E3	AWD	LAN	255/55R16	GAZAC	431	1300	3.3	214	290	TDI	TAC	S4A	6	Yes	20.3	1.04	28.60%	4.81	192.9	313	18.7	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	Yes(24.020)	4.00	
Scoutek 2.2	Scoutek	E3	FWD	LAN	255/55R16	GAZAC	430	1300	3.3	200	276	TDI	TAC	S4A	6	Yes	20.2	1.04	28.58%	9.74	192.9	313	18.0	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	N/A	4.00	
Scoutek 2.8 3.1	Scoutek	E3	FWD	LAN	255/55R18	GAZAC	430	1300	3.1	200	276	TDI	TAC	S4A	6	Yes	20.7	1.04	28.58%	2.47	192.9	313	18.0	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	4.00		
Scoutek 2.8 3.1	Scoutek DL	E3	FWD	LAN	255/55R16	GAZAC	430	1300	3.1	200	276	TDI	TAC	S4A	6	Yes	20.4	1.04	28.46%	1.45	192.9	313	18.0	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	4.00		
Subaru SVX 3.3	Subaru SVX	E3	FWD	LAN	255/55R16	GAZAC	430	1300	3.3	200	276	TDI	TAC	S4A	6	Yes	20.1	1.20	24.34%	1.84	194.2	316	17.2	No	Yes(0.0)	Yes(18.0)	Yes(18.0)	Yes(24.0)	4.00		

IV. Projected A/C Efficiency Credits



Model Type Description	Carline	Basic Engine (disp)	Drive	T/M class (Drive, type, gear)	Refrigerant	A/C Drive System	Projected sales	Reduc'd Reheat with variable displ	Reduced Reheat with fixed displ or pneumatic compres-sor	Default to Recirc with feedback sensor	Default to Recirc without feedback sensor	Efficient Blower Motor Controls	Internal Heat Exchanger	Improved Condenser and/or Evaporator (requires EPA approval)	Oil Separator (requires EPA approval)	Total Menu-based Credits	A/C Efficiency Credit	VLM
								2.2 gpm	1.4 gpm	2.2 gpm	1.4 gpm	1.1 gpm	1.4 gpm	1.4 gpm	0.7 gpm	gpm	megagrams	
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	R-1234yf	Belt Driven	23,849	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	29,088	225,865
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	R-1234yf	Belt Driven	11,290	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	13,770	225,865
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	R-1234yf	Belt Driven	2,876	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	3,508	225,865
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	R-134a	Belt Driven	11,096	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	13,533	225,865
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	R-134a	Belt Driven	6,525	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	7,958	225,865
Sorento 3.3 FWD	Sorento FWD	3.3	FWD	SA6	R-134a	Belt Driven	14,067	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	17,157	225,865
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	AWD	SA6	R-134a	Belt Driven	15,583	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	19,006	225,865
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	R-134a	Belt Driven	4,887	2.2	0.0	0.0	0.0	1.1	1.4	0.0	0.7	5.4	5,961	225,865
Sedona 3.3	Sedona	3.3	FWD	SA6	R-134a	Belt Driven	11,562	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	11,229	225,865
Sedona SX 3.3	Sedona SX	3.3	FWD	SA6	R-134a	Belt Driven	1,325	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	1,287	225,865
Sedona SXL 3.3	Sedona SXL	3.3	FWD	SA6	R-134a	Belt Driven	1,342	2.2	0.0	0.0	0.0	0.0	1.4	0.0	0.7	4.3	1,303	225,865

ACCredit	123,800
Car volume	104,402
FCIV <sub>AC</sub> (Gal/mi)	0.000590755

VLM	225,865
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$$FCIV_{AC} \text{ (gal/mi)} = \frac{(ACCredit \times 1,000,000)}{(VLM \times Production \times 8887)}$$



V. Projected Off-cycle Credits

Model Type Description	Carline	Basic Engine (disp)	Drive	17M class (Drive, type)	Description	Projected sales	Off-cycle benefit per vehicle gpm	Off-cycle credits megagrams	VLM
Sportage FE 2.4 AWD	Sportage FE AWD	2.4	AWD	SA6	Glazing 1.4, Lamp 0.06	4,843	1.5	1,641	225,865
		2.4	AWD	SA6	Glazing 1.4, Lamp 0.06, Solar reflective surface coating 0.5	815	2.0	368	225,865
		2.4	AWD	SA6	Glazing 1.2, Lamp 0.06	15,569	1.3	4,571	225,865
Sportage 2.4 AWD	Sportage AWD	2.4	AWD	SA6	Glazing 1.2, Lamp 0.06, Solar reflective surface coating 0.5	2,622	1.8	1,066	225,865
		2.4	AWD	SA6	Glazing 1.4, Lamp 0.06	2,629	1.5	891	225,865
		2.4	AWD	SA6	Glazing 1.4, Lamp 0.06, Solar reflective surface coating 0.5	384	2.0	173	225,865
		2.4	AWD	SA6	Glazing 1.3, Lamp 0.06	4,181	1.4	1,322	225,865
		2.4	AWD	SA6	Glazing 1.3, Lamp 0.06, Solar reflective surface coating 0.5	610	1.9	262	225,865
		2.4	AWD	SA6	Glazing 1.3, Lamp 0.06, Active seat ventilation 1.3	3,042	2.7	1,855	225,865
		2.4	AWD	SA6	Glazing 1.3, Lamp 0.06, Active seat ventilation 1.3, Solar reflective surface coating 0.5	444	3.2	321	225,865
Sportage 2.0T AWD	Sportage AWD	2.0	AWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3	2,471	2.7	1,507	225,865
		2.0	AWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3, Solar reflective surface coating 0.5	405	3.2	293	225,865
Sorento 2.4 AWD	Sorento AWD	2.4	AWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2	9,234	4.7	9,802	225,865
		2.4	AWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	1,862	5.2	2,187	225,865
Sorento 2.4 FWD	Sorento FWD	2.4	FWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2	5,205	4.7	5,525	225,865
		2.4	FWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	1,320	5.2	1,550	225,865
Sorento 3.3 FWD	Sorento FWD	3.3	FWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2	6,858	4.7	7,280	225,865
		3.3	FWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	2,324	5.2	2,730	225,865
		3.3	FWD	SA6	Glazing 1.3, Lamp 0.06, Active transmission warm-up 3.2	976	4.6	1,014	225,865
		3.3	FWD	SA6	Glazing 1.3, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	387	5.1	446	225,865
		3.3	FWD	SA6	Glazing 1.3, Lamp 0.12, Active transmission warm-up 3.2	954	4.6	991	225,865
		3.3	FWD	SA6	Glazing 1.3, Lamp 0.12, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	555	5.1	639	225,865
		3.3	FWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3, Active transmission warm-up 3.2	1,273	5.9	1,696	225,865
Sorento 3.3 FE AWD	Sorento AWD FE	3.3	FWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	740	6.4	1,070	225,865
		3.3	AWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2	11,377	4.7	12,077	225,865
		3.3	AWD	SA6	Glazing 1.4, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	3,117	5.2	3,661	225,865
		3.3	AWD	SA6	Glazing 1.3, Lamp 0.06, Active transmission warm-up 3.2	808	4.6	839	225,865
		3.3	AWD	SA6	Glazing 1.3, Lamp 0.06, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	281	5.1	324	225,865
		3.3	AWD	SA6	Glazing 1.3, Lamp 0.12, Active transmission warm-up 3.2	3,568	4.6	3,707	225,865
		3.3	AWD	SA6	Glazing 1.3, Lamp 0.12, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	977	5.1	1,125	225,865
Sorento 3.3 AWD	Sorento AWD	3.3	AWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3, Active transmission warm-up 3.2	253	5.9	337	225,865
		3.3	AWD	SA6	Glazing 1.3, Lamp 0.12, Active seat ventilation 1.3, Active transmission warm-up 3.2, Solar reflective surface coating 0.5	89	6.4	129	225,865
		3.3	FWD	SA6	No credits are generated from these vehicles	599	0.0	0	225,865
		3.3	FWD	SA6	Solar reflective surface coating 0.5	121	0.5	14	225,865
		3.3	FWD	SA6	Glazing 1.8	7,999	1.8	3,252	225,865
Sedona 3.3	Sedona	3.3	FWD	SA6	Glazing 1.8, Solar reflective surface coating 0.5	1,620	2.3	842	225,865
		3.3	FWD	SA6	Glazing 1.9	1,047	1.9	449	225,865
		3.3	FWD	SA6	Glazing 1.9, Solar reflective surface coating 0.5	176	2.4	95	225,865
		3.3	FWD	SA6	Glazing 1.9, Lamp 0.06, Active seat ventilation 1.3	1,085	3.3	809	225,865
		3.3	FWD	SA6	Glazing 1.9, Lamp 0.06, Active seat ventilation 1.3, Solar reflective surface coating 0.5	240	3.8	206	225,865
Sedona SX 3.3	Sedona SX	3.3	FWD	SA6	Glazing 1.7, Lamp 0.06, Active seat ventilation 1.3	368	3.1	258	225,865
		3.3	FWD	SA6	Glazing 1.7, Lamp 0.06, Active seat ventilation 1.3, Solar reflective surface coating 0.5	105	3.6	85	225,865
Sedona SXL 3.3	Sedona SXL	3.3	FWD	SA6	Glazing 1.9, Lamp 0.06, Active seat ventilation 1.3	675	3.3	503	225,865
		3.3	FWD	SA6	Glazing 1.9, Lamp 0.06, Active seat ventilation 1.3, Solar reflective surface coating 0.5	194	3.8	167	225,865

OCCredit	78,079
Car volume	104,402
FCIV <sub>oc</sub> (Gal/mi)	0.000372582

VLM	225,865
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$$FCIV_{oc} \text{ (gal/mi)} = \frac{(OCCredit \times 1,000,000)}{(VLM \times Production \times 8887)}$$

## VI. Projected Average Fuel Economy Adjustment

Average MPG	28.9
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P4	MPG	28.1
P6	FCIV <sub>AC</sub> (Gal/mi)	0.000590755
P7	FCIV <sub>OC</sub> (Gal/mi)	0.000372582
N/A	FCIV <sub>PU</sub> (Gal/mi)	0

$$\text{Average MPG} = \frac{1}{\left[ \frac{1}{\text{MPG}} - (\text{FCIV}_{AC} + \text{FCIV}_{OC} + \text{FCIV}_{PU}) \right]}$$