

Environmental specifications of new models Voxy, Noah and COMS

		Hybrid	Gasoline										Electric vehicles	
		Voxy / Noah										COMS		
Vehicle specifications	Vehicle type	DAA -ZWR80G	DBA -ZRR85G	DBA -ZRR80W	DBA -ZRR85G	DBA -ZRR85W						ZAD -TAK30-PD/DS/KS/BS		
	Engine	Type	2AZ-FXE	3ZR-FAE										—
		Total emissions volume (L)	1.797	1.986										—
		Fuel (source of power)	Regular unleaded gasoline										Lead battery, EC-FV1260	
	Drive assembly	Drive type	2WD (Front-wheel drive type)					4WD (4-wheel drive type)					1 motor differential rear-wheel drive	
Transmission		Electro continuously variable transmission	Super CVT-I (Electronically controlled continuously variable transmission)										—	
Vehicle weight (kg)		1,610 ~1,630	1,570 ~1,650	1,660	1,560 ~1,680	1,600 ~1,650	1,650	1,600 ~1,650	1,640 ~1,650	1,660	1,680 ~1,730	ZAD-TAK30-PD/KS : 410 ZAD-TAK30-DS : 420 ZAD-TAK30-BS : 400		
Environmental information	Fuel efficiency ratio	JCO8 mode	fuel efficiency *1 (MLIT survey values) (km/L)	23.8	16	15.2	14.6	16	15	14.8	14	13.6	14.8	Approx. 50km/single charge (JCO8 mode driving)
		CO2 emissions volume (g/km)	98	145	153	159	145	155	157	166	171	157	0	
	Reference		Cleared fiscal year 2015 fuel efficiency standard *2										Electricity cost: Full charge approx. 120yen (Approx. 2.4 yen/km) (Electricity fee unit 23 yen/Kwh)	
	Main fuel efficiency kaizen measures	Variable valve timing	○	○	—	○	○	○	○	○	○	○	○	—
		Idling stop equipped	○	○	—	○	○	○	○	○	○	○	○	
		Electric power steering	○	○	—	○	○	○	○	○	○	○	○	
		Hybrid system	○	—	—	—	—	—	—	—	—	—	—	
		Electro continuously variable transmission	○	—	—	—	—	—	—	—	—	—	—	
		Automatic continuously variable transmission	—	○	—	○	○	○	○	○	○	○	○	
	Charging Control		—	○	—	○	○	○	○	○	○	○	○	
Emission gas	Approved level or Compatible regulation (MLIT)	SU-LEV *3 *4										—		
	Approved level or Compatible regulation	CO	1.15										—	
		NMHC *5	0.013										—	
		Nox	0.013										—	
Vehicle external noise	Compatible noise regulated level	Acceleration noise regulation value: 76dB-A										<Reference> Constant running noise: Less than 65dB Acceleration noise: Less than 71dB		
A/C cooler use volume (cooling type) (g)		720 (Hydrochlorofluorocarbon HFC-134a)										—		
Reduction of SOCs	Lead	Self-initiated JAMA goals achieved (Less than 1/10th compared to 1996)										—		
	Mercury	Self-initiated JAMA goals achieved (Use prohibited after January, 2005)												
	Cadmium	Self-initiated JAMA goals achieved (Use prohibited after January, 2007)												
	Hexavalent Chromium	Self-initiated JAMA goals achieved (Use prohibited after January, 2008)												
Interior VOCs *6		Self-initiated JAMA goals achieved										Not applicable		
Recycling	Parts using easily-recyclable materials	TSOP *7	Front Bumper, Rear Bumper, Instrument Panel, Glove box										Front Cover, Fender Rear Bumper, Roof, Center Pillar Garnish, Quarter Panel etc.	
	Resin and rubber parts indicated	Indicated										—		
	Use of recycled materials	Recycled felt	Floor carpet, Dashboard silencer										—	

*1. Fuel efficiency ratio values are established under testing conditions.

Fuel efficiency ratio may vary depending on the environment of use by the customer(weather, traffic conditions, etc.) and driving methods (sudden acceleration, A/C use, etc.).

In addition, compared to driving in 10 and 15 mode driving, fuel efficiency ratio values in general are relatively low by a newly established testing method that more closely resembles actual driving conditions.

*2. Fuel efficiency target standard set based on the Energy Saving Act.

*3. JCO8 mode driving.

*4. 75% lower than the 2005 Exhaust Emissions standards level

*5. NMHC: Non Methane Hydrocarbons

*6. VOC: Volatile Organic Compounds (Formaldehyde, Acetaldehyde, Toluene, etc.)

*7. TSOP: Toyota Super Olefin Polymer