■Environmental specifications of Toyota Auto Body hybrid production vehicles and COMS

			Hybrid vehicles						Electric vehicles
			Alphard, Vellfire		Estima		Prius		COMS
Vehicle specifications	Vehicle type		DAA-ATH20W		DAA-AHR20W		DAA-ZVW30		ZAD-TAK30
	Engine	Type	2AZ-FXE		2AZ-FXE		2ZR-FXE		———
		Total emissions volume L	2.362		2.362		1.797		———
		Fuel (source of power)	Regular unleaded gasoline						Lead battery, EC-FV1260
	Drive assembly	Drive type	E-Four (Electronic 4-wheel drive type)		E-Four (Electronic 4-wheel drive type)		Front-wheel drive		1 motor differential rear-wheel drive
		Transmission	Electronically controlled continuously variable transmission						———
Environmental information	Fuel efficiency ratio	JCO8 mode fuel efficiency (MLIT survey values) (km/l)	17	16.2	18	17.0 *2	30.4 *3	32.6 *4	Approx. 50km/single charge (JCO8 mode driving)
		CO_2 emissions volume (g/km)	137	143	129	137	76	71	0
		Reference	Cleared fiscal year 2015 fuel efficiency standard *5						Electricity cost: Full charge approx. 120yen (Approx. 2.4 yen/km) (Electricity fee unit 23 yen/Kwh)
		Main fuel efficiency kaizen measures	Hybrid system, Idling stop equipped, Variable valve timing, Electronically controlled continuously variable transmission, and Electric power steering						———
	Emission gas	Approved level or Compatible regulation (MLIT)	SU-LEV *6 *7						———
		CO	1.15						———
		NMHC	0.013						———
		Nox	0.013						———
		Reference	Compatible for designated low emission vehicle standards in nine metropolis, prefectures and cities						———
	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		830 (Hydrochlorofluorocarbon HFC-134a)		800 (Hydrochlorofluorocarbon HFC-134a)		470 (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 *8		Self-initiated JAMA goals achieved						Not applicable
	Recycling	Parts using easily-recyclable materials TSOP *9	Bumpers, Instrument Panel, (Upper and lower)		Front Bumper, Rear Bumper, Cladding Panel, Pillar Garnishes etc.		Bumper Cover, Front Grill, Molding Rocker Panel, Pillar Inner Garnish		Front Cover, Fender Rear Bumper, Roof, Center Pillar Garnish, Quarter Panel etc.
		Parts using easily-recyclable materials TPO *10	Door Trim, Instrument Panel (Upper)		Roof Moulding, Door Trim surface		Driver's Seat SRS Airbag		———
		Resin and rubber parts indicated	Indicated						
		Environment harmonizing material type Eco-plastics	Floor Carpet (Bio-plastic)		———		Scuff Plate, Seat Cushion (Driver's seat)		———
		Use of recycled materials Recycled felt	Deck Side Trim, Front Door Trim, Slide-Door Trim		———		Roof Silencer (excluding L) (PET recycled felt)		———
		Use of recycled materials Recycled polypropylene	Battery Case		———		Engine Under Cover, Rear Seat Side Cover, Front Seat Shield		———

*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. Value when vehicle weight is more than 2,000 kg.
*3. Value when vehicle weight is more than 1,350 kg.
*4. Value when vehicle weight is 1,310 kg.
*5. Fuel efficiency target standard set based on the Energy Saving Act.
*6. JC08 mode driving.
*7. 75% lower than the 2005 Exhaust Emissions standards level
*8. VOC: Volatile Organic Compounds
*9. TSOP: Toyota Super Olefin Polymer
*10. TPO: Thermo Plastic Olefin