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**Fig. 65: Mode \$06 Data For '08-'09 Mazda6
MAZDA MOTORS CORP.**

OBD Monitor ID	Test ID	Description	Related system	Scaling ID	Related system
01	80	HO2S (Front) lean-to-rich response time (calculated)	HO2S	20	Ratio
01	81	HO2S (Front) rich-to-lean response time (calculated)		20	Ratio
01	82	HO2S (Front) lean-to-rich response time (calculated)		20	Ratio
01	83	HO2S (Front) rich-to-lean response time (calculated)		20	Ratio
02	03*2	Low HO2S (Rear) voltage for switch time calculation (constant)		0A	Voltage
02	04*2	High HO2S (Rear) voltage for switch time calculation (constant)		0A	Voltage
02	05*2	HO2S (Rear) rich-to-lean response time (calculated)		10	Time
02	80	Response timeout (calculated)		10	Time
02	85*1	HO2S (Middle) rich-to-lean response time (calculated)		26	Voltage per time
21	80	Front and HO2S (Rear) switching time ratio	Catalyst	20	Ratio
31	83	EGR pressure variation	EGR	17	Pressure
3A	80	EVAP system leak detection pump gross leak check	EVAP	0D	Current
3B	80	EVAP system leak detection pump small leak check		0D	Current
3C	80*3	EVAP system leak detection pump very small leak check		05	Raw value
3D	80	Purge flow monitor		0D	Current
A2	0B	EWMA misfire counts for last 10 driving cycles	Misfire	24	Counts
A2	0C	Misfire counts for last/current driving cycles		24	Counts
A3	0B	EWMA misfire counts for last 10 driving cycles		24	Counts
A3	0C	Misfire counts for last/current driving cycles		24	Counts
A4	0B	EWMA misfire counts for last 10 driving cycles		24	Counts
A4	0C	Misfire counts for last/current driving cycles		24	Counts
A5	0B	EWMA misfire counts for last 10 driving cycles		24	Counts
A5	0C	Misfire counts for last/current driving cycles		24	Counts

*1

California emission regulation applicable ATX model

*2

Except for California emission regulation applicable ATX model

*3

California emission regulation applicable model

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