

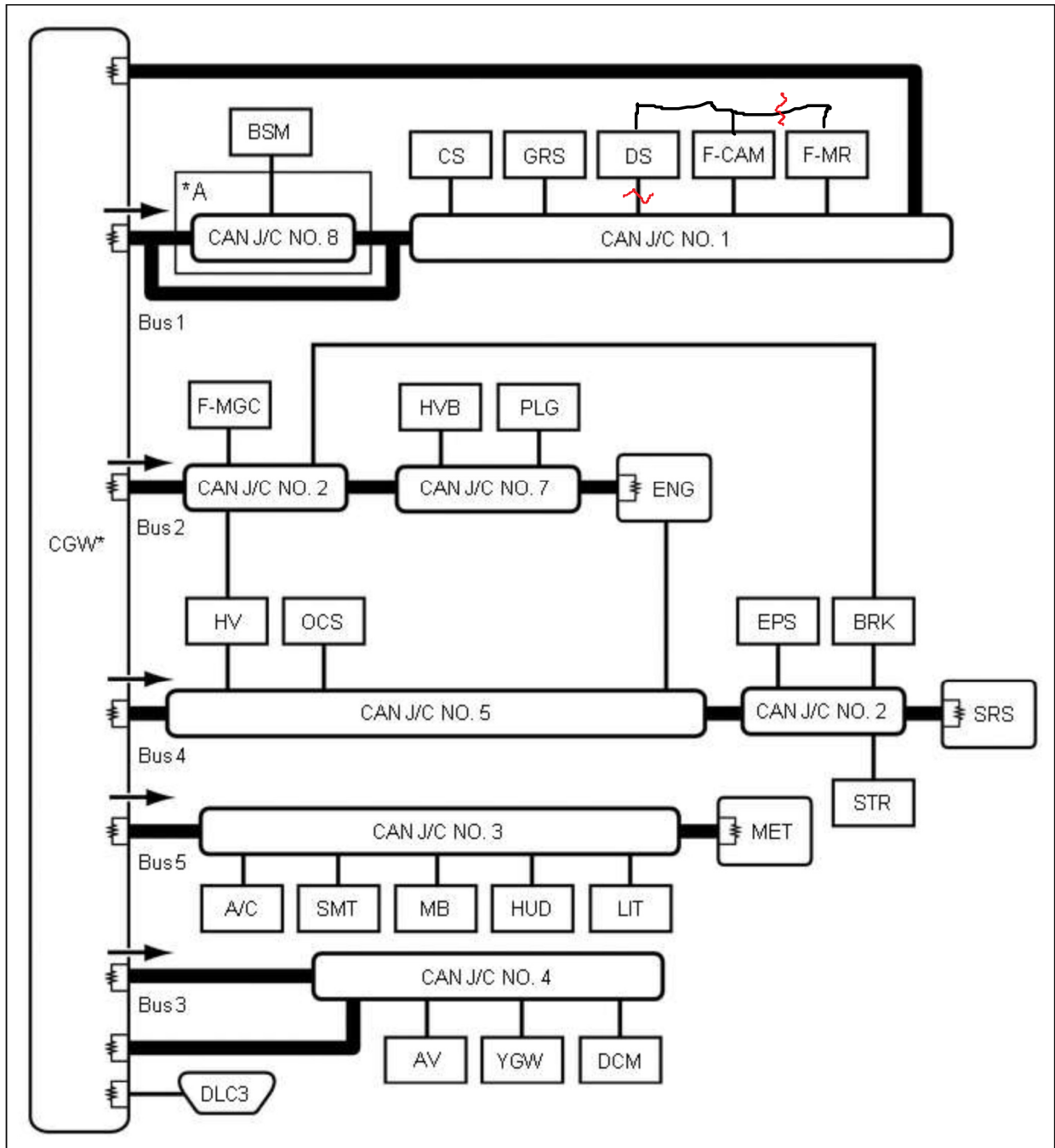
Networking: CAN System Diagram

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Model Year Start: 2017	Model: Prius Prime	Prod Date Range: [09/2016 -]
Title: NETWORKING: CAN COMMUNICATION SYSTEM: SYSTEM DIAGRAM; 2017 MY Prius Prime [09/2016 -]		

SYSTEM DIAGRAM

(a) The CAN communication system is composed of 5 buses.



*A	w/ Blind Spot Monitor System	-	-
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	CAN Main Bus Line		Terminating Resistor
	CAN Branch Line	*	Gateway Function Equipped ECU
	Bus Monitoring Direction	-	-

CONNECTED TO	CODE	ECU/SENSOR NAME	CAN DTC STORAGE	NOTE
-	CGW	Central Gateway ECU (Network Gateway ECU)	-	-
-	DLC3	DLC3	-	-
Bus 1	BSM	Blind Spot Monitor Sensor LH	Available	w/ Blind Spot Monitor System
	CS	Clearance Warning ECU Assembly	Available	w/ Simple Advanced Parking Guidance System
	GRS	Swing Grille Actuator Assembly	-	-
	DS	Driving Support ECU Assembly	Available	-
	F-CAM	Forward Recognition Camera	Available	-
	F-MR	Millimeter Wave Radar Sensor Assembly	-	-
	CAN J/C NO. 8	No. 8 CAN Junction Connector	-	w/ Blind Spot Monitor System
	CAN J/C NO. 1	No. 1 CAN Junction Connector	-	-
Bus 2	HV	Hybrid Vehicle Control ECU	Available	-
	F-MGC	Inverter with Converter Assembly	Available	-
	BRK	Brake Booster with Master Cylinder Assembly	Available	-
	ENG	ECM	Available	-
	HVB	Battery ECU Assembly	Available	-
	PLG	Electric Vehicle Charger Assembly	Available	-
	CAN J/C NO. 2	No. 2 CAN Junction Connector	-	-
	CAN J/C NO. 7	No. 7 CAN Junction Connector	-	-
	AV	Navigation Receiver Assembly	Available	-

CONNECTED TO	CODE	ECU/SENSOR NAME	CAN DTC STORAGE	NOTE
Bus 3	YGW	Option Connector (Bus Buffer ECU)	-	w/ CAN Compatible Optional Devices
	DCM	DCM (Telematics Transceiver)	Available	w/ Telematics Transceiver
	CAN J/C NO. 4	No. 4 CAN Junction Connector	-	-
Bus 4	HV	Hybrid Vehicle Control ECU	Available	-
	ENG	ECM	Available	-
	STR	Steering Sensor	-	-
	EPS	Power Steering ECU Assembly	Available	-
	BRK	Brake Booster with Master Cylinder Assembly	Available	-
	SRS	Airbag Sensor Assembly	Available	-
	OCS	Occupant Detection ECU	Available	-
	CAN J/C NO. 5	No. 5 CAN Junction Connector	-	-
	CAN J/C NO. 2	No. 2 CAN Junction Connector	-	-
Bus 5	A/C	Air Conditioning Amplifier Assembly	Available	Connected to LIN communication system
	SMT	Certification ECU (Smart Key ECU Assembly)	Available	-
	MB	Main Body ECU (Multiplex Network Body ECU)	Available	Connected to LIN communication system
	HUD	Combination Meter Mirror ECU	Available	w/ Headup Display System
	MET	Meter Circuit Plate	Available	-
	LIT	No. 1 Headlight ECU Sub-assembly LH	Available	-
	CAN J/C NO. 3	No. 3 CAN Junction Connector	-	-

