

UNCLASSIFIED

Data bit definition

MSB							LSB
Bit 8	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1

CAN Frame Definition

Message Name	ID	Periodic Interval (ms)	Event Trigger	Signal	Start Byte	Start Bit	Length	Data Type	Data Range	Translation	Transmitter
Name of the message	Message ID	Periodic rate of message	Event that triggers the message	Name of the signal	1	1	5	Data types are: Unsigned Signed Boolean Enumeration	Applicable range of values for this piece of data.	Examples are: Scaling equation (see below) 1=True; 0=False Enumeration value/states 0=Normal Operation 1=Degraded Operation 3=Invalid	Identifies the source of the message.
				Name of the signal	1	6	3				
				Name of the signal	2	1	8				
				Name of the signal	3	1	8				
				Name of the signal	4	1	8				
				Name of the signal	5	1	8				
				Name of the signal	6	1	8				
				Name of the signal	7	1	8				
				Name of the signal	8	1	8				

Signal Definition (example)

Signal Name	Length (in bits)	Data Type	Data Range	Translation
Throttle Position	8	Unsigned	0 - 100 %	$E = (N * 0.5) - 25$ /100 Min value for N= 50 Max value for N= 250

Throttle Position Definition:

This parameter represents the request for engine torque. This signal comes from the arbitration of the throttle pedal (after throttle diagnostics, defaulting, and hysteresis), throttle command override message, and any engine torque de-rate requests.