

MRXMERCCTX1

Consumer Use Modes	Manufacturing & Service Modes	Mode of Operation	Explanation	Frequency of Transmission
X		Drive mode: WAL Mode	Transmitter in WAL operation – wheel is rotating and motion detected, duration 9min accumulated drive time after Waking from Stationary Mode	8 words every 33 seconds (duration 9 minutes)
X		Drive mode: Normal Mode	Transmitter in normal operation - wheel is rotating and motion detected	6 words every 60 seconds
	X	Learn Mode	Transmits 36 words after LF transponder activation or when sensor exits Off mode due to delta pressure increase	36 words for 1 transmission, < 5secs
	X	Factory WAL Mode.	Transmitter is in Factory mode for the next 20 or less motion detects after a Learn activation. The Wheel has to be rotating and motion detected	8 words every 10.8 seconds for 3mins followed by every 33 seconds for 6 minutes (duration 9 minutes).
X	X	Stationary Mode	Transmitter enters mode after Factory Mode or Drive Mode - Wheel is not rotating - Vehicle is stopped.	no transmission
X		Wake Mode	Transmit 6 words when sensor transitions from Stationary mode to Drive mode due to Motion detection	6 words for 1 transmission
X	X	Off Mode	Transmit 6 words when sensor transitions to Off mode	6 words for 1 transmission
X		Low Battery Mode	Pursuant to Section 15.231(a)(4), alarm conditions apply for these two modes as they occur only during sudden change in tire pressure or at the time of low battery, per conversations with FCC.	
X		Re-measure Mode		
X	X	Sleep Mode	All of the time between the other modes	no transmission

Notes:

- 1) The manufacturing and service modes fall under FCC Part 15.231(a)(5). These modes are used to setup and program the tire pressure monitoring system on the vehicle and will be used in factory and service environments (i.e. vehicle/tire dealers) only. Since these procedures require special equipment and training, they will not be evoked by the consumer.
- 2) Power levels of all transmissions are the same
- 3) 8 word packet is < 1sec in duration