

<b>Title of Change:</b>	Max Range Bug Fix for the MB1361
<b>Changed Material First Ship Date:</b>	N/A
<b>Current Material Last Order Date:</b>	
<b>Current Material Last Delivery Date:</b>	
<b>Product Category:</b>	Sensor
<b>Contact Information:</b>	Scott Wielenberg
<b>Sample Availability Date:</b>	10/6/2022

<b>Change Category</b>	<b>Type of Change</b>
Firmware	The sensor locks the maximum range to be exactly 1068cm.

<b>Description and Purpose:</b>		
The purpose for this update is to ensure all MB1361 have a maximum range output of 1068cm.		
<b>Changed Item</b>	<b>Before Change Description</b>	<b>After Change Description</b>
Firmware	Certain calibration values would allow the sensor to range to distances greater than 1068cm.	Regardless of calibration values, all sensors will have a maximum range output of 1068cm.
This update will have no visual change to the part.		

<b>Reason / Motivation for Change:</b>	The goal is to ensure all MB1361 provide uniform and predictable maximum range values.
<b>Anticipated impact on fit, form, function, reliability, product safety, electrical characteristics, or manufacturability:</b>	There should be no noticeable change beyond the improved stability of the maximum range output.

<b>List of Affected Parts:</b>	
<b>MB1361-000</b>	<b>MB1361-040</b>