

Service Information

Mazda Motor Corporation

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Category T	Technical	Ref. No. E009/13	Page 1 of 3
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued May 16, 2013	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised	
Applicable Model Mazda6(GJ) with MRCC		Applicable Countries or Specifications Worldwide	

Subject: Vehicle speed change with MRCC

DESCRIPTION

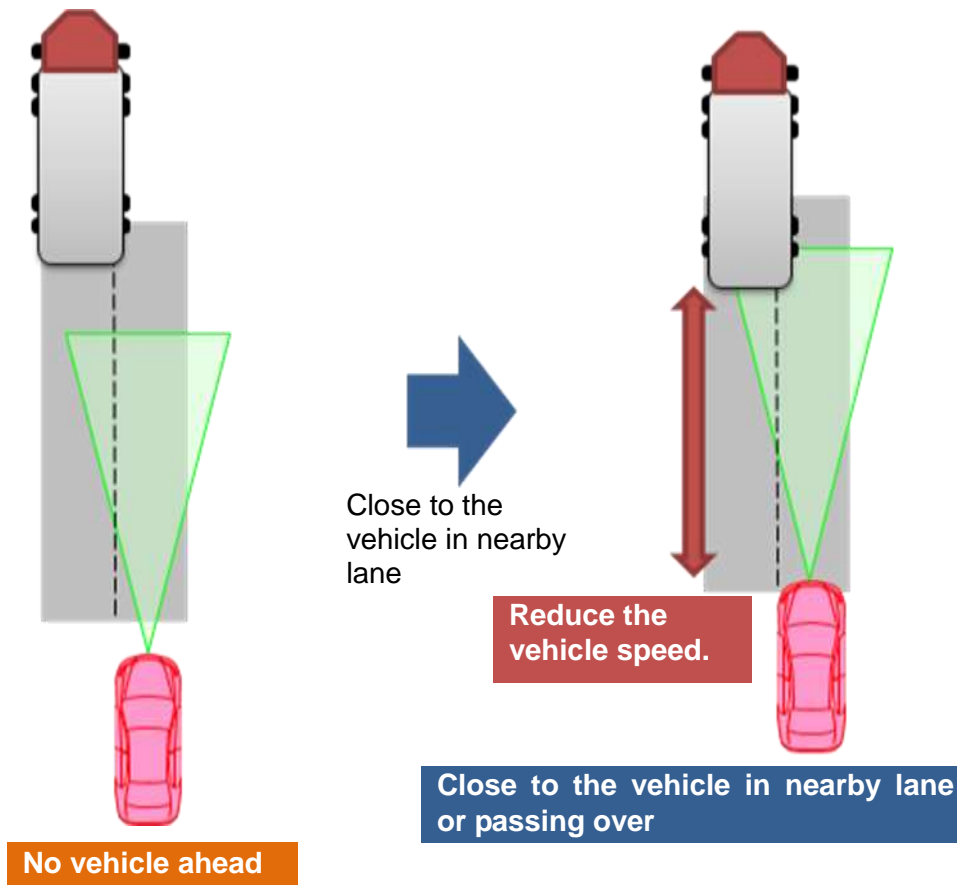
Some customer complains the vehicle speed is changed automatically when driving with MRCC. This is not a defect of MRCC, but normal operation due to the system changing between constant speed mode and headway control mode.

The following are examples of this case.

1. Driving close to the vehicle in the nearby lane which runs near center line. (Change from constant speed mode to headway control mode and speed reduction.)

Constant Speed Mode

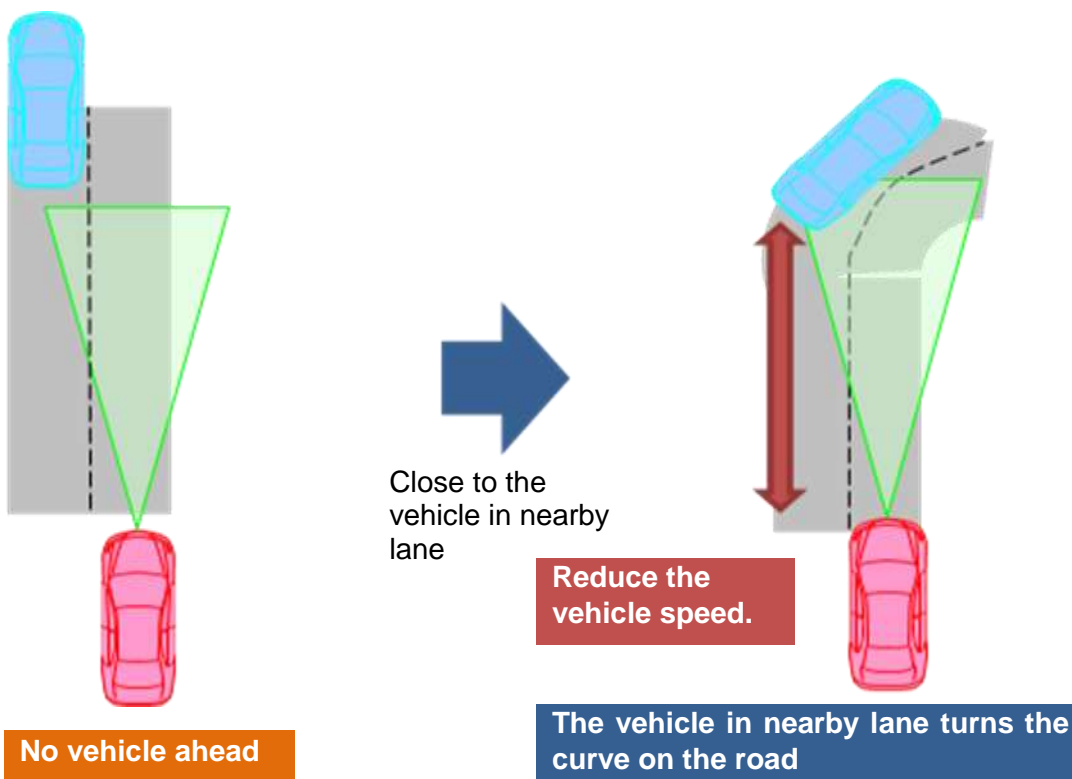
Headway Control Mode



2. On a winding road, the vehicle in nearby lane is entering the radar sensing area. (Change from constant speed mode to headway control mode and speed reduction.)

Constant Speed Mode

Headway Control Mode



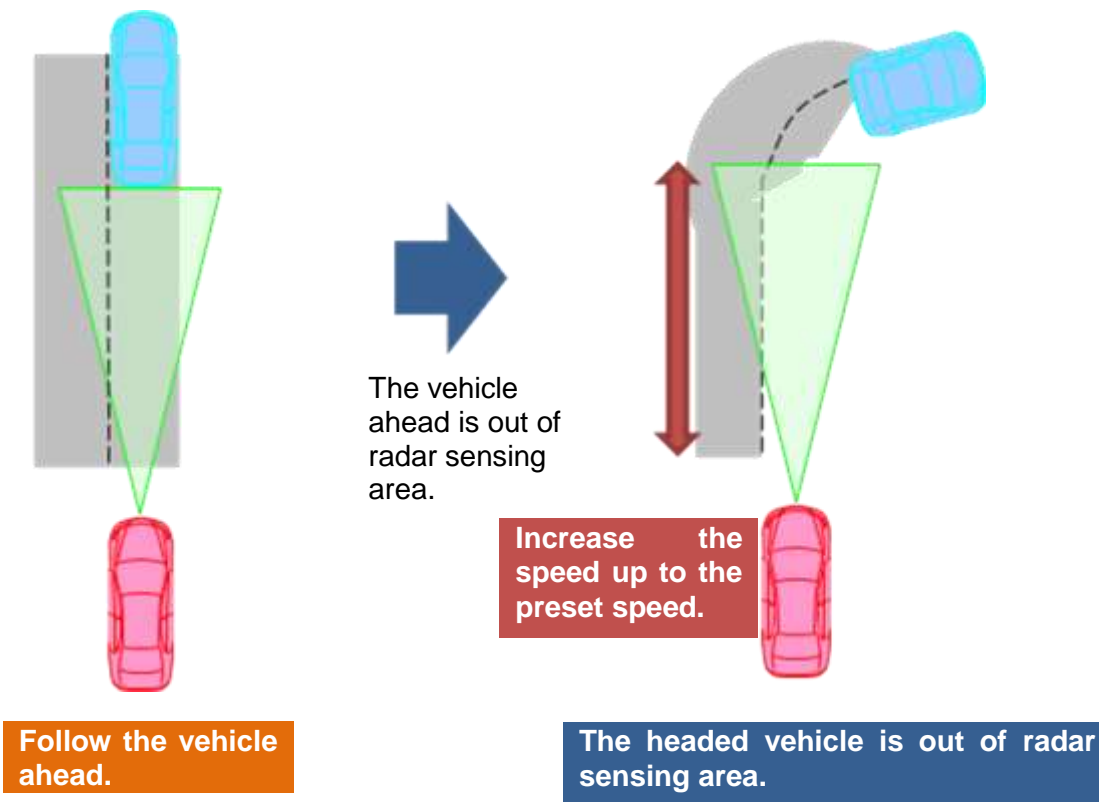
No vehicle ahead

The vehicle in nearby lane turns the curve on the road

3. On a winding road, the vehicle running ahead is leaving radar sensing area. (Change from headway control mode to constant speed mode and speed increase to preset one.)

Headway Control Mode

Constant Speed Mode



Follow the vehicle ahead.

The headed vehicle is out of radar sensing area.

CAUSE

The operation mode of MRCC is changed depending on the vehicle ahead.
If there is a vehicle ahead, it changes to headway control mode, and if there is no vehicle ahead, it changes to constant speed mode.

MASS PRODUCTION CHANGE

No mass production change is planned.

ACTION TO BE TAKEN

When you encounter a customer complaint on this concern, explain the mechanism of MRCC to the customer and convince him or her that this is not a quality concern, but a normal operation of MRCC.

Do NOT replace the MRCC system with a new one as this will not be efficient to solve the customer complaint.

Ryu Shimizugawa
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2D21354747 (MC Internal Use)