

# Service Information

Mazda Motor Corporation

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Category <b>N</b>	<b>Repair Guidance</b>	Ref. No. R067/13	Page 1 of 2
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued August 28, 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)		Applicable Countries or Specifications  Europe	

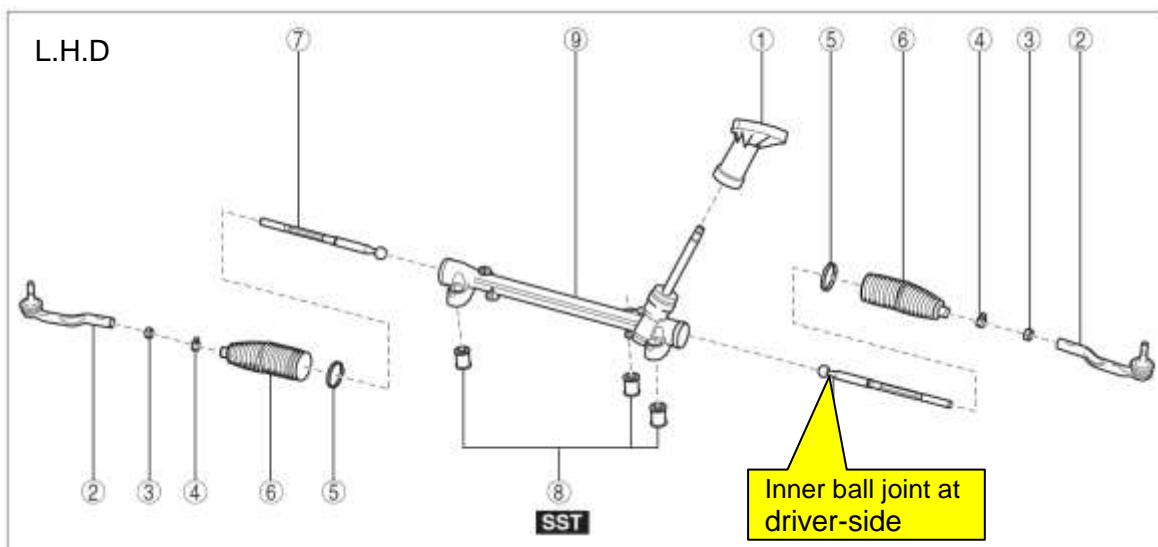
## Subject: Unusual noise when vehicle is started with steering wheel fully turned to driver-side

### DESCRIPTION

Some vehicles may exhibit an unusual noise (clacking) from under the vehicle front when the vehicle is started after the steering wheel is fully turned to the driver-side (left-side for LHD and right-side for RHD vehicle). The noise will not occur when the vehicle is started after the steering wheel is fully turned to the passenger-side.

### CAUSE

An edge of the inner ball joint at the driver-side may get stuck with the steering gear housing, causing a stick-slip noise.



### MASS PRODUCTION CHANGE

The shape of the inner ball joint edge has been changed.

### BEGINNING VIN & DATE OF MODIFICATION

**EU spec**

JMZ GJ \*\*\*\*\* 142428 July 1, 2013

### REPAIR PROCEDURE

1. Verify customer complaint.
  - ① Stop the vehicle after steering wheel is fully turned to the direction where driver's seat is installed.
  - ② Verify the noise occurs when starting the vehicle.

**Note:** Refer to the noise sample in the attached video file.
2. If the noise is reproduced, remove the steering gear and linkage from the vehicle according to the Workshop Manual "STEERING GEAR AND LINKAGE REMOVAL" and replace the inner ball joint (driver-side) with a modified one according to the Workshop Manual "STEERING GEAR AND LINKAGE DISASSEMBLY".
3. Install the steering gear and linkage in the reverse order of removal.
4. Verify the repair.

### PART INFORMATION

Part Number		Part Name	Q'ty	Remark
New	Old			
GHT2 32 240A	GHT2 32 240	Inner Ball Joint	1	
BBM4 32 127		Wire Clamp	1	<b>R</b> Replace part
B455 32 099B		Joint Bolt	1	<b>R</b> Replace part
T060 26 169A		Snap Pin	2	<b>R</b> Replace part

### WARRANTY INFORMATION

Assembly group	N – Steering system
Subassembly group	02 - STEERING GEAR & LINKAGE
Symptom Code	82
Damage Code	9M
Causal Part No.	GHT2-32-240A
Q'ty	1
Operation No.	XXJAMXRX
Labor Hours	2.7Hrs. Including Front Wheel Alignment Check and Adjust
Period Covered	Normal warranty period

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 1CB3021612 (MC Internal Use)