Service Bulletin

Mazda North American Operations Irvine, CA 92618-2922



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Subject:

CLACKING NOISE WHEN STARTING TO MOVE VEHICLE WHILE STEERING WHEEL IS TURNED TO FULL LEFT POSITION

Bulletin No: 06-002/13

Last Issued: 10/09/2013

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APPLICABLE MODEL(S)/VINS

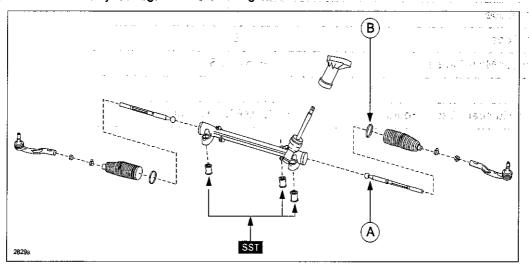
2013-2014 CX-5 vehicles with VINs lower than JM3KE*****369145 (produced July 3, 2013)

DESCRIPTION

Some vehicles may exhibit a clacking noise from under the front of the vehicle. This noise only occurs when starting to move the vehicle while the steering wheel is turned to the full left position.

NOTE: The noise will not occur if the steering wheel is in the center or full right position.

The noise is caused when the edge of the left side inner ball joint (A) gets stuck with the steering gear housing. The shape of the inner ball joint edge has been changed to eliminate this noise.



Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

- 1. Verify the customer concern by turning the steering wheel full left, then start moving the vehicle.
- Remove the steering gear and linkage according to the on-line instructions on MS3 or the Workshop Manual (section 06-13 STEERING GEAR AND LINKAGE REMOVAL) and replace the left inner ball joint (section 06-13 STEERING GEAR AND LINKAGE DISASSEMBLY).

NOTE: Be sure to replace wire clamp (B), the joint bolt and both snap pins.

- 3. Reinstall the steering gear and linkage in the reverse order of removal.
- 4. Verify the repair.

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CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safety maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical—including photocopying and recording and the use of any kind of information storage and retrieval system —without permission in writing.

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PART(S) INFORMATION

Part Number	Description	Qty.	Notes
KD31-32-240A	Inner Ball Joint	1	(A) (See illustration)
BBM4-32-127	Wire Clamp	1	(B) (See illustration)
B455-32-099B	Joint Bolt 1		Replace joint bolt located between intermediate shaft and steering gear / linkage assembly.
T060-26-169A	Snap Pin	2	Replace snap pins for outer ball joint (tie rod end) on both sides.

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under the New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type		.1	A - 1	
Symptom Code		\$ 10 St.	82	
Damage Code			9M	
Part Number Main Cause		KD31-32-240A		
Quantity	,		1 - 2 2 2 2 2 3 3 3 3	
Operation Number / Labor Hours		XXJASXRX / 2.8 Hrs. (Inner ball joint, R&R (left side))		