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By Recall Management Division at 10:22 am, Aug 04, 2011

HONDA

American Honda Motor Co., Inc.
1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

August 3, 2011

**11V-395
(7 pages)**

Mr. Claude Harris
Acting Associate Administrator for Enforcement
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
Attn: Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE
Washington, DC 20590

**Re: Recall Notification
2005-10 Model Year Honda Accord
2007-10 Model Year Honda CR-V
2005-08 Model Year Honda Element
Automatic Transmission Control Module Software**

Dear Mr. Harris:

On July 30, 2011, Honda Motor Co., Ltd. (HMC) determined that a potential defect relating to motor vehicle safety exists in the automatic transmission control module software of certain 2005-10 model year Honda Accord, 2007-10 model year Honda CR-V, and 2005-08 model year Honda Element vehicles, which may affect the secondary shaft bearing in a vehicle's transmission. Therefore, HMC is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

573.6(c)(1)

Name of manufacturer: Honda of America Manufacturing, Inc. (HAM)
Honda de Mexico, S.A. de C.V. (HDM)
Honda Transmission Manufacturing of America, Inc. (HTM)

Manufacturer's agent: Jay Joseph
American Honda Motor Co., Inc. (AHM)
1919 Torrance Blvd.
Torrance, CA 90501-2746

573.6(c)(2)

Identification of potentially affected vehicles:

<u>Make/Model</u>	<u>Description</u>	<u>VIN Range/Dates of Manufacture</u>
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See Attached List

Description of the basis for the determination of the recall population:

The recall population was determined based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.

573.6(c)(2)(iv)

Identification of affected component:

Component: Secondary Shaft Ball Bearing
Country of Origin: Japan
Manufacturer: NTN Corporation
Contact Name: Eiichi Ukai, Quality Assurance Department Manager, Iwata Works
Address: 1578 Higashi-Kaizuka
Iwata, Shizuoka 438-8510, Japan
Telephone No.: +81-538-37-8163

573.6(c)(3)

Total number of potentially affected vehicles: 1,512,107

573.6(c)(4)

Percentage of affected vehicles that contain the defect: unknown

573.6(c)(5)

Defect description:

Beginning with model year 2005 4-cylinder Accord and Element vehicles, specifications for the secondary shaft bearing outer race material and shape were modified in order to accommodate increased engine torque. These modifications, which improved the long-term durability of the component but reduced its resistance to shock, are not appropriately addressed in the automatic transmission control module software of the affected vehicles. If certain driving styles (i.e., quick shifting between reverse, neutral, and drive at high engine RPM when attempting to extricate a vehicle stuck in snow) generate a sufficiently high impact load, the outer race of the secondary shaft bearing may be broken. A broken outer race may cause abnormal noise, the malfunction indicator light to turn on, and allow contact between the transmission idle gear and an electronic sensor housing within the transmission, resulting in a short circuit that causes the engine to stall. Additionally, broken pieces of the outer race or ball bearings from the secondary shaft may become lodged in the parking pawl resulting in the vehicle rolling after the driver has placed the gear selector in the park position. Engine stalling and unexpected vehicle movement increase the risk of a crash.

573.6(c)(6)

Chronology:

February 8, 2007	HTM receives the first claim of an engine stall and initiates an investigation. The cause of the engine stall cannot be determined.
September 18, 2008	HMC receives three claims of bearing breakage in the United States and initiates an investigation into the cause of the claims.
April 10, 2009	HMC determines the bearing breakage is due to an instantaneous fracture of the outer race; however, the cause of the fracture cannot be identified.

April 10, 2009	HMC receives the first claim of abnormal transmission noise in China and investigates the claim.
August 7, 2009	HMC conducts a review of the bearing manufacturing processes and does not find any quality problems.
October 6, 2009	HTM receives the first claim of vehicle movement after the gear selector is placed in park.
December 10, 2009	HTM selects new bearing supplier.
March 26, 2010	HMC initiates analysis for additional North America and China claims, which include a total of five claims for engine stalling or vehicle movement after the gear selector has been placed in park.
January 19, 2011	HMC identifies the cause of the claims as insufficient shock resistance of the secondary shaft bearing outer race to a high impact load that can be created by quick shift operation at high engine RPM.
July 29, 2011	Based on a total of 113 bearing-related claims in the United States and China, including 45 claims for engine stalls and 11 claims for vehicle movement after the gear selector is placed in park, HMC determines that a safety-related defect exists and decides to conduct a safety recall.

573.6(c)(8)(i)

Program for remedying the defect:

Honda dealers will update the automatic transmission control module software in all affected vehicles. This update will correct the engine RPM threshold allowed for executing transmission shifts. Owners of affected vehicles will be contacted by mail and asked to take their vehicle to a Honda automobile dealer. The dealer will complete the automatic transmission control module software update, free of charge.

573.6(c)(8)(ii)

The estimated date to e-mail preliminary notification to dealers:	August 4, 2011
The estimated date to provide service bulletin to dealers:	August 4, 2011
The estimated date to begin sending notifications to owners:	August 31, 2011
The estimated date of completion of the notification:	October 3, 2011

573.6(c)(9)

Representative copies of all notices, bulletins and other communications:

A copy of the dealer service bulletin and text of the final customer notification letter will be submitted to your office as soon as possible.

573.6(c)(10)

Proposed owner notification letter submission:

A draft of the owner notification letter will be submitted to your office as soon as possible.

573.6(c)(11)

Manufacturer's campaign number:

R89

Sincerely,

AMERICAN HONDA MOTOR CO., INC.


Jay Joseph
Senior Manager
Product Regulatory Office

JWJ:dj

Identification of Potentially Affected Vehicles

Honda Accord 2-door	Certain 2005 model year	1HGCM72705A000006 8/25/2004	- 1HGCM72555A028771 - 8/29/2005
	Certain 2006 model year	1HGCM72386A000009 8/29/2005	- 1HGCM726X6A024581 - 7/25/2006
	Certain 2007 model year	1HGCM72787A000001 7/25/2006	- 1HGCM72367A024147 - 8/30/2007
	Certain 2008 model year	1HGCS12368A000063 9/06/2007	- 1HGCS12358A030333 - 7/25/2008
	Certain 2009 model year	1HGCS123X9A000181 7/28/2008	- 1HGCS12369A026910 - 8/17/2009
	Certain 2010 model year	1HGCS1B84AA000001 8/18/2009	- 1HGCS1B7XAA009292 - 1/18/2010
		1HGCS1B78AA021117 8/04/2010	- 1HGCS1B78AA021117 - 8/04/2010
Honda Accord 4-door	Certain 2005 model year	1HGCM56165A000070 8/17/2004	- 1HGCM56845A197320 - 8/24/2005
		3HGCM56495G700001 7/01/2004	- 3HGCM56445G714162 - 8/31/2005
		JHMCM56745C000056 7/16/2004	- JHMCM56475C007671 - 11/30/2004
	Certain 2006 model year	1HGCM56796A000019 8/10/2005	- 1HGCM56886A186645 - 8/01/2006
		3HGCM56476G700001 6/16/2005	- 3HGCM56406G712183 - 9/4/2006
		JHMCM56496C0000920 1/23/2006	- JHMCM56706C011296 - 5/25/2006
	Certain 2007 model year	1HGCM56897A000001 7/18/2006	- 1HGCM56417A229656 - 8/28/2007
		3HGCM56457G700001 9/13/2006	- 3HGCM56447G712060 - 8/17/2007
		JHMCM56877C000063 7/03/2006	- JHMCM56127C025763 - 1/08/2007
	Certain 2008 model year	1HGCP26318A000067 7/31/2007	- 1HGCP26888A166808 - 7/25/2008
		JHMCP26318C008560 8/20/2007	- JHMCP26728C072853 - 4/18/2008
	Certain 2009 model year	1HGCP26839A001444 7/28/2008	- 1HGCP26429A201888 - 8/18/2009
		JHMCP26339C001773 7/18/2008	- JHMCP26899C016242 - 1/30/2009
	Certain 2010 model year	1HGCP2F84AA000002 8/12/2009	- 1HGCP2F86AA079382 - 1/14/2010

Honda CR-V	Certain 2007 model year	3CZRE38347G700001 - 3CZRE383X7G700004 5/03/2007 - 5/03/2007
		5J6RE48397L000046 - 5J6RE48377L019565 3/01/2007 - 9/24/2007
		5J6RE38367L000077 - 5J6RE38357L002175 3/19/2007 - 9/24/2007
		JHLRE48757C001173 - JHLRE48717C120371 8/04/2006 - 8/1/2007
		JHLRE38387C003359 - JHLRE38517C081936 8/22/2006 - 8/07/2007
	Certain 2008 model year	3CZRE38328G700001 - 3CZRE38338G710262 7/26/2007 - 9/08/2008
		3CZRE38508G700001 - 3CZRE38578G707141 7/26/2007 - 9/18/2008
		3CZRE48538G700001 - 3CZRE48588G703783 7/26/2007 - 9/30/2008
		5J6RE38348L000001 - 5J6RE383X8L011102 9/27/2007 - 9/20/2008
		5J6RE48578L000002 - 5J6RE48348L051617 9/27/2007 - 9/23/2008
		JHLRE48588C001667 - JHLRE48588C078894 8/27/2007 - 7/09/2008
		JHLRE38338C002184 - JHLRE38378C051808 8/29/2007 - 6/12/2008
	Certain 2009 model year	3CZRE38529G000207 - 3CZRE38589G000937 10/02/2008 - 10/30/2008
		3CZRE38339G700011 - 3CZRE38309G709720 10/13/2008 - 9/30/2009
		3CZRE48519G700001 - 3CZRE48599G708640 10/15/2008 - 9/15/2009
		3CZRE38319G701237 - 3CZRE38399G705276 10/22/2008 - 4/16/2009
		3CZRE38549G700004 - 3CZRE38539G706120 10/23/2008 - 9/23/2009
		3CZRE48569G706571 - 3CZRE48569G706571 7/24/2009 - 7/24/2009
		3CZRE38549G705624 - 3CZRE38549G705624 9/11/2009 - 9/11/2009
		5J6RE48719L000001 - 5J6RE483X9L070528 9/18/2008 - 9/15/2009
		5J6RE38509L000001 - 5J6RE38319L036018 9/22/2008 - 9/10/2009
		JHLRE38319C000130 - JHLRE38719C010739 8/18/2008 - 11/18/2008
		JHLRE48519C005187 - JHLRE48349C014318 9/30/2008 - 5/07/2009

Honda CR-V	Certain 2010 model year	3CZRE3H35AG700001 - 3CZRE3H31AG705079 5/22/2009 - 7/29/2010
		3CZRE4H56AG700001 - 3CZRE4H52AG706846 7/22/2009 - 9/3/2010
		3CZRE3H53AG700001 - 3CZRE3H52AG702869 10/9/2009 - 6/22/2010
		5J6RE4H50AL000011 - 5J6RE4H76AL030471 8/25/2009 - 1/15/2010
		5J6RE3H56AL000007 - 5J6RE3H33AL013747 9/11/2009 - 1/09/2010
		JHLRE4H76AC000377 - JHLRE4H73AC015662 8/24/2009 - 7/29/2010
		JHLRE3H39AC011820 - JHLRE3H39AC011820 7/29/2010 - 7/29/2010

Honda Element	Certain 2005 model year	5J6YH18335L000008 - 5J6YH186X5L017950 12/14/2004 - 10/18/2005
	Certain 2006 model year	5J6YH18746L000006 - 5J6YH18756L016831 10/19/2005 - 8/11/2006
	Certain 2007 model year	5J6YH18777L000244 - 5J6YH18747L014618 8/14/2006 - 3/23/2007
		5J6YH28707L000334 - 5J6YH28707L011396 8/17/2006 - 2/15/2007
		5J6YH18987L012033 - 5J6YH183X7L017309 1/31/2007 - 6/08/2007
		5J6YH28707L010748 - 5J6YH28767L016389 1/31/2007 - 6/12/2007
	Certain 2008 model year	5J6YH189X8L000001 - 5J6YH183X8L017585 6/05/2007 - 9/26/2008
		5J6YH28748L000001 - 5J6YH28798L020423 6/14/2007 - 9/25/2008