



28055 Haggerty Road
Novi, MI 48377-2902
Tel : (248) 848-1020
Fax : (248) 848-0566

Date: December 18, 2013

To :

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigation Enforcement
U.S Department of Transportation
National Highway Traffic Safety Administration
1200 New Jersey Avenue SE
Washington, DC 20590

Re: NHTSA Recall Campaign No. 13E-055

Dear Jennifer Timian,

Please find enclosed representative copies of the notices that were sent by ILJIN to SKF USA, Inc. and Federal-Mogul Corporation. The notices were submitted to your office for approval before they were sent by ILJIN.

If you have any questions, please contact me at:

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation
28055 Haggerty Road
Novi, MI 48377
248-848-1021 Office
734-693-4546 Mobile
Email: kelly.t.grubaugh@ILJIN.com

Sincerely,

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation



28055 Haggerty Road
Novi, MI 48377-2902
Tel : (248) 848-1020
Fax : (248) 848-0566

Date: December 9, 2013

To: Dan Czupryna
Total Quality Manager
SKF USA Inc.
Vehicle Service Market
890 N. State Street, Suite 200
Elgin, IL 60123

Re: NHTSA Recall Campaign No. 13E-055

Dear Mr. Czupryna,

As required by the Motor Vehicle Safety Act, 49 U.S.C. § 30101 *et seq.*, ILJIN is recalling certain front wheel bearings. In a separate letter, ILJIN provided the dealer/distributor Safety Recall Notice.

ILJIN is required by federal law and regulation to send the enclosed Safety Recall Notice to any person who is known to have purchased or owned a front wheel bearing that is subject to recall. NHTSA has reviewed and approved the enclosed owner/purchaser notice.

As provided in SKF's letter dated October 11, 2013, ILJIN is providing the enclosed owner/purchaser notice so that SKF can transmit the notice to all known owners and purchasers of the recalled front wheel bearing.

The Safety Recall Notice should be sent by first-class mail to all known owners and purchasers. The notice should be sent in an envelope that conforms to the enclosed form that has been reviewed and approved by NHTSA. It is important that the envelope use the same type size, type color and text as the approved form. ILJIN will arrange to have the envelopes printed and delivered to SKF or, if SKF prefers to obtain the envelopes, ILJIN will reimburse SKF for any associated costs.

Please advise if any known purchasers or owners are located in Puerto Rico or in the U.S. Territories located in the Canal Zone. If so, ILJIN will arrange to have the owner/purchaser notice and envelope printed in Spanish. Copies in both Spanish and English should be sent to persons in those locations.

ILJIN requests that SKF provide a list of the names and addresses of the persons to whom the notice was sent.

ILJIN
USA CORPORATION

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ILJIN will reimburse SKF for its costs associated with providing notice to owners and purchasers of the recalled units.

If you have any questions, please contact me at:

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ILJIN greatly appreciates SKF's continuing efforts and cooperation in implementing this recall.

Sincerely,



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IMPORTANT SAFETY RECALL NOTICE

NHTSA Campaign Number: 13E-055

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

WHY ARE YOU RECEIVING THIS NOTICE?

ILJIN Global Co., Ltd., has decided that a defect which relates to motor vehicle safety exists in certain front wheel bearings. ILJIN Global Co., Ltd. is recalling these specific parts, through ILJIN USA Corporation.

Based on available sales or service records, it appears that you may have purchased a front wheel bearing that is subject to recall or that a front wheel bearing subject to recall may have been installed on your vehicle.

The bearings were manufactured with the wheel speed sensor wires reversed. Due to the reversed wires, the sensor will not function, disabling the antilock braking system (ABS). Without ABS, the driver may have reduced control of the vehicle while braking and require a longer distance to stop the vehicle, increasing the risk of a crash.

The parts involved in this recall were manufactured by ILJIN and sold to SKF USA, Inc.

The parts have been marketed by SKF USA, Inc. under the SKF brand name for aftermarket service use. The front wheel bearings involved in this recall are SKF Part Nos. BR930695, BR930658, BR930639 and BR930722.

The front wheel bearings are sold as replacement equipment for use on Ford Heavy Duty Trucks in Model Years 2005 to 2010.

The National Highway Traffic Safety Administration has assigned Campaign #13E-055 to this recall.

WHAT PARTS ARE INVOLVED?

This recall involves certain front wheel bearing units. The parts are identified as:

SKF Part Nos. BR930695, BR930658, BR930639, and BR930722.

The recall includes parts within the following date code ranges: 239K through and including 270K.

The date code is printed on the part number label which is affixed to the product packaging. The location of the part number and date code are illustrated in the following image:

Identification of the part



The part numbers are front wheel bearings that fit on Ford Heavy Duty Trucks for Model Years 2005 through 2010 with anti-lock braking systems.

WHAT IS THE PROBLEM?

The wheel speed sensors of the wheel bearings were produced with the signal and VCC wiring reversed in the sensor wiring harness connector. As a result, the wheel speed sensor does not provide the proper signal output when the front wheel bearing is installed on vehicles using the defective wiring harness connector.

The defect will cause the anti-lock braking system (ABS) warning light to come on after installation. The defect may also disable the ABS, which may not be operational when the vehicle is driven. The standard braking system is not affected by this issue.

WHAT PRECAUTIONS SHOULD YOU TAKE?

If the front wheel bearing has been installed on your vehicle and the ABS warning light is on, you should use great caution when driving since the anti-lock braking system may be disabled and may not operate properly.

An anti-lock braking system works with the regular or foundation brakes on your vehicle to help keep your base brakes from locking up. In vehicles equipped with ABS, the

driver's foot remains firmly on the brake pedal, allowing the system to automatically pump the brakes. In vehicles not equipped with ABS, the driver can manually pump the brakes to prevent wheel lockup.

If you have to drive your vehicle when the ABS warning light is on, you should operate your brakes as if you do not have an anti-lock braking system. In the event of a panic stop or a stop on wet or slippery surfaces, you should manually pump your brakes.

WHAT IS BEING DONE ABOUT THE PROBLEM?

ILJIN, in cooperation with SKF, has implemented a program to ensure that defective parts which have been purchased will be repaired or replaced at no charge and to reimburse purchasers who have already repaired or replaced the defective parts. This notice will provide you with information about the program.

ILJIN has corrected the problem in the manufacturing process that caused the defect. ILJIN has recalled the defective parts that have not been sold to end-users and taken steps to either repair or replace those items.

WHAT SHOULD YOU DO?

If the part has not been installed on a vehicle, do not install the front wheel bearing. You should return it to the retailer for a full refund or a replacement part at no charge.

If the part has been installed, please contact the installing dealer or another qualified repair facility as soon as possible to arrange an appointment to have the part repaired.

The repair will involve removal of the defective wheel sensor wiring harness from the front wheel bearing. A new wheel sensor wiring harness will be attached and tested. In some cases, ILJIN or SKF may determine, at their discretion, that the front wheel bearing unit should be replaced.

The estimated time for repairing the defective unit is 1.5 hours for replacing the wheel sensor wiring harness and 3 hours if replacing the front wheel bearing unit is necessary.

There will be no charge to you for the inspection of your vehicle and repair of the defective part.

Please have the installing dealer or repair facility contact SKF Customer Service toll-free at 1-800-644-8999 before the repairs are done. SKF will supply detailed work instructions and replacement parts. SKF will also make arrangements for payment to the installing dealer or repair facility.

You may contact the installing dealer or repair facility now. The necessary parts and instructions for completing the repair or replacement are currently available from SKF.

If you prefer to do the repairs yourself, please contact SKF Customer Service to obtain detailed work instructions and replacement parts. You may call SKF Customer Service toll-free at 1-800-644-8999 or by email at VSM.Aftermarket.CustSrv@skf.com.

If you have already removed, repaired or replaced the defective part or paid someone to do so, you may be eligible to receive reimbursement for any reasonable charges or costs that you have incurred. Please contact SKF Customer Service to get further information about what you need to do to obtain reimbursement. You may call SKF Customer Service toll-free at 1-800-644-8999 or by email at VSM.Aftermarket.CustSrv@skf.com.

You may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153) or go to www.safercar.gov.

If you have leased the vehicle to another person, federal regulations require that you forward a copy of this notice to the lessee within ten days.

WHAT CAN YOU DO IF YOU ARE NOT SATISFIED?

If you believe that ILJIN has failed to remedy the defect without charge and within a reasonable amount of time, you have the right to submit a complaint. Any complaint should be sent to:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Ave., SE.
Washington DC 20590

You may also call the NHTSA Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153). This is a toll-free call.

You may also submit a complaint on NHTSA's website, <http://www.safercar.gov>

WHAT IF YOU HAVE ANY QUESTIONS?

If you have questions or would like more information, please contact SKF Customer Service at 1-800-644-8999 or by email at VSM.Aftermarket.CustSrv@skf.com.



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Date: December 9, 2013

To: Dan Czupryna
Total Quality Manager
SKF USA Inc.
Vehicle Service Market
890 N. State Street, Suite 200
Elgin, IL 60123

Re: NHTSA Recall Campaign No. 13E-055

Dear Mr. Czupryna,

As required by the Motor Vehicle Safety Act, 49 U.S.C. § 30101 et seq., ILJIN USA Corporation is notifying SKF USA, Inc. of the recall of certain front wheel bearings as identified in the enclosed dealer/distributor notice.

The enclosed Safety Recall Notice contains important information about the defect in the front wheel bearings and the recall remedy. If you have any questions about the information in the notice, please contact me at the following:

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation
28055 Haggerty Road
Novi, MI 48377
248-848-1021 Office
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To assist in fully implementing the recall remedy, ILJIN requests that SKF forward a copy of the enclosed notice to its distributors, dealers and retailers by certified mail within five working days after SKF's receipt of this letter. ILJIN also requests that SKF confirm the mailing of the notices and provide a list of the distributors, dealers and retailers who receive the notice. ILJIN agrees to be responsible for SKF's costs associated with these requests.

By separate letter, ILJIN will provide SKF with the Safety Recall Notice that must be sent to known owners and purchasers of the recalled front wheel bearings.

ILJIN greatly appreciates SKF's continuing efforts and cooperation in implementing this recall.

Sincerely,

A handwritten signature in black ink that reads "Kelly T. Grubaugh".

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation
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Novi, MI 48377
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IMPORTANT SAFETY RECALL NOTICE TO DEALERS AND DISTRIBUTORS

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

ILJIN Global Co., Ltd., has decided that a defect which relates to motor vehicle safety exists in certain front wheel bearings. ILJIN Global Co., Ltd. is recalling these specific parts, through ILJIN USA Corporation.

The National Highway Traffic Safety Administration has assigned Campaign #13E-055 to this recall.

IDENTIFICATION OF EQUIPMENT SUBJECT TO RECALL

The front wheel bearings involved in this recall were manufactured by ILJIN and sold to SKF USA, Inc.

The front wheel bearings are sold as replacement equipment for use on Ford Heavy Duty Trucks in model years 2005 to 2010.

The parts sold to SKF have been marketed under the SKF brand name for aftermarket service use. The front wheel bearings involved in this recall are SKF Part Nos. BR930695, BR930658, BR930639, and BR930722.

The recall includes SKF-branded parts within the following date code ranges: 239K through and including 270K. The date code is printed on the part number label which is affixed to the product packaging. The location of the part number and date code are illustrated in the following image:



DESCRIPTION OF THE DEFECT AND EVALUATION OF RISK TO MOTOR VEHICLE SAFETY

The wheel speed sensors of the wheel bearings were produced with the signal and VCC wiring reversed in the sensor wiring harness connector. As a result, the wheel speed sensor does not provide the proper signal output when the front wheel bearing is installed on vehicles using the defective wiring harness connector.

The defect will cause the anti-lock braking system (ABS) warning light to come on after installation. The defect may also disable the ABS, which may not be operational when the vehicle is driven. The standard braking system is not affected by this issue.

RECALL REMEDY

Notice of defect and recall

ILJIN wants to recover and repair as many of the defective front wheel bearings as possible before they are sold to or installed by end-users.

ILJIN has previously informed SKF about the defect and recall and provided the Part 573 Defect and Noncompliance Report dated October 15, 2013, and amended on November 15, 2013.

ILJIN and SKF have quarantined the defective parts in their inventories.

SKF has also undertaken steps to identify its respective customers that purchased the defective units and have requested those customers to isolate and return any defective units in their inventories to SKF as appropriate.

ILJIN requests that SKF forward a copy of this notice to all of its reselling customers who have purchased the front wheel bearings subject to this recall.

Advisory

Please note that it is a violation of federal law for a dealer or distributor to sell or lease an item of motor vehicle equipment covered by this notification until the defect is remedied.

Repair to defective parts

ILJIN has already completed repairs to the defective parts quarantined by SKF and those parts returned to SKF as of the date of this notice. ILJIN will make repairs to additional defective parts that are returned to SKF. The repair involves removal of the defective wheel sensor wiring harness and replacement with a wiring harness with the correct pin orientation.

ILJIN will repair the defective parts without charge to SKF, or its customers.

Reimbursement

ILJIN will reimburse SKF and its customers for costs reasonably associated with the recall, including shipping, labor, administrative and handling costs.

Notice to purchasers and end-users

ILJIN will prepare appropriate end-user recall notices and will provide the notice to SKF for distribution to retailers, purchasers and end-users. The end-user notice will advise retailers, purchasers and end-users of the steps to be taken in order to have the recalled front wheel bearings inspected, repaired, or replaced if necessary, free of charge.

ILJIN, in cooperation with SKF, will implement a program, at ILJIN's cost, to ensure that defective parts which have been purchased by end-users will be repaired or replaced at no charge to SKF, its retailers, customers, or end-users.

ILJIN, in cooperation with SKF, will implement a program, at ILJIN's cost, to reimburse purchasers who have already repaired or replaced the defective parts.

Production remedy

ILJIN has corrected the problem in the manufacturing process that caused the defect.

The remedy component has been produced since October 7, 2013. The manufacturing date or lot marking is molded into the sensor body. The table below explains where the marking is located and how to decipher the date code.

Sensor Lot Marking	Sensor Lot Marking Standard																												
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INFORMATION AND QUESTIONS

If you have questions or would like more information, please contact SKF Customer Service at 1-800-644-8999 or by email at VSM.Aftermarket.CustSrv@skf.com.



28055 Haggerty Road
Novi, MI 48377-2902
Tel : (248) 848-1020
Fax : (248) 848-0566

Date: December 18, 2013

To : Curt Jelken
Commodity Manager
Vehicle Component Solutions (VCS)
Federal-Mogul Corporation
26555 Northwestern Highway
Southfield, MI 48033

Re: NHTSA Recall Campaign No. 13E-055

Dear Mr. Jelken,

As required by the Motor Vehicle Safety Act, 49 U.S.C. § 30101 et seq., ILJIN USA Corporation is notifying Federal-Mogul Corporation of the recall of certain front wheel bearings as identified in the enclosed dealer/distributor notice.

The enclosed Safety Recall Notice contains important information about the defect in the front wheel bearings and the recall remedy. If you have any questions about the information in the notice, please contact me at the following:

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation
28055 Haggerty Road
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248-848-1021 Office
734-693-4546 Mobile
Email: kelly.t.grubaugh@ILJIN.com

To assist in fully implementing the recall remedy, ILJIN requests that Federal-Mogul forward a copy of the enclosed notice to its distributors, dealers and retailers by certified mail within five working days after Federal-Mogul's receipt of this letter. ILJIN also requests that Federal-Mogul confirm the mailing of the notices and provide a list of the distributors, dealers and retailers who receive the notice. ILJIN agrees to be responsible for Federal-Mogul's costs associated with these requests.



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By separate letter, ILJIN will provide Federal-Mogul with the Safety Recall Notice that must be sent to known owners and purchasers of the recalled front wheel bearings.

ILJIN greatly appreciates Federal-Mogul's continuing efforts and cooperation in implementing this recall.

Sincerely,

A handwritten signature in black ink that reads "Kelly T. Grubaugh".

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation

Date Code



DESCRIPTION OF THE DEFECT AND EVALUATION OF RISK TO MOTOR VEHICLE SAFETY

The wheel speed sensors of the wheel bearings were produced with the signal and VCC wiring reversed in the sensor wiring harness connector. As a result, the wheel speed sensor does not provide the proper signal output when the front wheel bearing is installed on vehicles using the defective wiring harness connector.

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RECALL REMEDY

Notice of defect and recall

ILJIN wants to recover and repair as many of the defective front wheel bearings as possible before they are sold to or installed by end-users.

ILJIN has previously informed Federal-Mogul about the defect and recall and provided the Part 573 Defect and Noncompliance Report dated October 15, 2013, and amended on November 15, 2013.

ILJIN and Federal-Mogul have quarantined the defective parts in their inventories.

Federal-Mogul has also undertaken steps to identify its respective customers that purchased the defective units and have requested those customers to isolate and return any defective units in their inventories to Federal-Mogul as appropriate.

ILJIN requests that Federal-Mogul forward a copy of this notice to all of its reselling customers who have purchased the front wheel bearings subject to this recall.

Advisory

Please note that it is a violation of federal law for a dealer or distributor to sell or lease an item of motor vehicle equipment covered by this notification until the defect is remedied.

Repair to defective parts

ILJIN has already completed repairs to the defective parts quarantined by Federal-Mogul and those parts returned to Federal-Mogul as of the date of this notice. ILJIN will make repairs to additional defective parts that are returned to Federal-Mogul. The repair involves removal of the defective wheel sensor wiring harness and replacement with a wiring harness with the correct pin orientation.

ILJIN will repair the defective parts without charge to Federal-Mogul, or its customers.

Reimbursement

ILJIN will reimburse Federal-Mogul, and its customers for costs reasonably associated with the recall, including shipping, labor, administrative and handling costs.

Notice to purchasers and end-users

ILJIN will prepare appropriate end-user recall notices and will provide the notice to Federal-Mogul for distribution to retailers, purchasers and end-users. The end-user notice will advise retailers, purchasers and end-users of the steps to be taken in order to have the recalled front wheel bearings inspected, repaired, or replaced if necessary, free of charge.

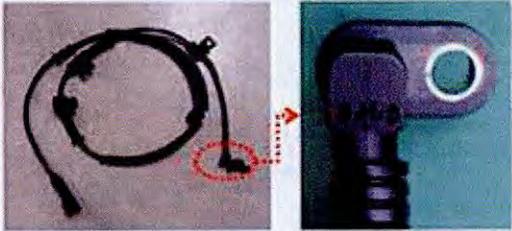
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ILJIN, in cooperation with Federal-Mogul, will implement a program, at ILJIN's cost, to reimburse purchasers who have already repaired or replaced the defective parts.

Production remedy

ILJIN has corrected the problem in the manufacturing process that caused the defect.

The remedy component has been produced since October 7, 2013. The manufacturing date or lot marking is molded into the sensor body. The table below explains where the marking is located and how to decipher the date code.

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INFORMATION AND QUESTIONS

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Re: NHTSA Recall Campaign No. 13E-055

Dear Mr. Jelken,

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ILJIN is required by federal law and regulation to send the enclosed Safety Recall Notice to any person who is known to have purchased or owned a front wheel bearing that is subject to recall. NHTSA has reviewed and approved the enclosed owner/purchaser notice.

As provided in Federal-Mogul's letter dated November 4, 2013, ILJIN is providing the enclosed owner/purchaser notice so that Federal-Mogul can transmit the notice to all known owners and purchasers of the recalled front wheel bearing.

The Safety Recall Notice should be sent by first-class mail to all known owners and purchasers. The notice should be sent in an envelope that conforms to the enclosed form that has been reviewed and approved by NHTSA. It is important that the envelope use the same type size, type color and text as the approved form. ILJIN will arrange to have the envelopes printed and delivered to Federal-Mogul or, if Federal-Mogul prefers to obtain the envelopes, ILJIN will reimburse Federal-Mogul for any associated costs.

Please advise if any known purchasers or owners are located in Puerto Rico or in the U.S. Territories located in the Canal Zone. If so, ILJIN will arrange to have the owner/purchaser notice and envelope printed in Spanish. Copies in both Spanish and English should be sent to persons in those locations.

ILJIN requests that Federal-Mogul provide a list of the names and addresses of the persons to whom the notice was sent.



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ILJIN will reimburse Federal-Mogul for its costs associated with providing notice to owners and purchasers of the recalled units.

If you have any questions, please contact me at:

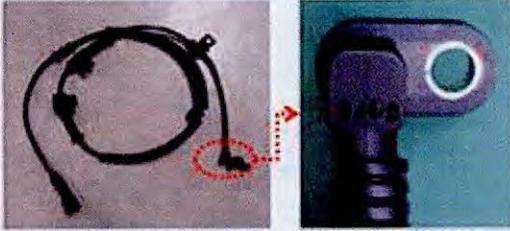
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ILJIN USA Corporation

Sensor Lot Marking	Sensor Lot Marking Standard																												
	<p data-bbox="911 331 1036 352">LOT Marking</p> <p data-bbox="911 359 1101 386">3 J 09</p> <p data-bbox="1130 432 1333 453">MANUFACTURING DATE</p> <p data-bbox="1130 516 1333 537">MANUFACTURING MONTH</p> <table border="1" data-bbox="1105 554 1360 709"> <tr><td>A</td><td>Jan.</td><td>O</td><td>July</td></tr> <tr><td>B</td><td>Feb.</td><td>H</td><td>Aug.</td></tr> <tr><td>C</td><td>March</td><td>I</td><td>Sep.</td></tr> <tr><td>D</td><td>April</td><td>J</td><td>Oct.</td></tr> <tr><td>E</td><td>May</td><td>K</td><td>Nov.</td></tr> <tr><td>F</td><td>June</td><td>L</td><td>Dec.</td></tr> </table> <p data-bbox="1105 758 1300 779">Manufacturing Year</p> <p data-bbox="1130 800 1219 821">3 - 2013</p> <p data-bbox="919 856 1016 877"><Example></p> <table border="1" data-bbox="911 877 1292 934"> <thead> <tr> <th>Lot No.</th> <th>Manufacturing Date</th> </tr> </thead> <tbody> <tr> <td>3J09</td> <td>09, Oct, 2013</td> </tr> </tbody> </table>	A	Jan.	O	July	B	Feb.	H	Aug.	C	March	I	Sep.	D	April	J	Oct.	E	May	K	Nov.	F	June	L	Dec.	Lot No.	Manufacturing Date	3J09	09, Oct, 2013
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<p data-bbox="240 674 732 877">Sensors which have the correct pin arrangement have been produced since October 7, 2013.</p>																													

INFORMATION AND QUESTIONS

Please contact ILJIN with any questions or requests for more information.

Kelly T. Grubaugh
 Director - Engineering & Quality Assurance
 ILJIN USA Corporation
 28055 Haggerty Road
 Novi, MI 48377
 248-848-1021 Office
 734-693-4546 Mobile
 Email: kelly.t.grubaugh@iljin.com



28055 Haggerty Road
Novi, MI 48377-2902
Tel : (248) 848-1020
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Date: December 18, 2013

To : Curt Jelken
Commodity Manager
Vehicle Component Solutions (VCS)
Federal-Mogul Corporation
26555 Northwestern Highway
Southfield, MI 48033

Re: NHTSA Recall Campaign No. 13E-055

Dear Mr. Jelken,

As required by the Motor Vehicle Safety Act, 49 U.S.C. § 30101 *et seq.*, ILJIN is recalling certain front wheel bearings. In a separate letter, ILJIN provided the dealer/distributor Safety Recall Notice.

ILJIN is required by federal law and regulation to send the enclosed Safety Recall Notice to any person who is known to have purchased or owned a front wheel bearing that is subject to recall. NHTSA has reviewed and approved the enclosed owner/purchaser notice.

As provided in Federal-Mogul's letter dated November 4, 2013, ILJIN is providing the enclosed owner/purchaser notice so that Federal-Mogul can transmit the notice to all known owners and purchasers of the recalled front wheel bearing.

The Safety Recall Notice should be sent by first-class mail to all known owners and purchasers. The notice should be sent in an envelope that conforms to the enclosed form that has been reviewed and approved by NHTSA. It is important that the envelope use the same type size, type color and text as the approved form. ILJIN will arrange to have the envelopes printed and delivered to Federal-Mogul or, if Federal-Mogul prefers to obtain the envelopes, ILJIN will reimburse Federal-Mogul for any associated costs.

Please advise if any known purchasers or owners are located in Puerto Rico or in the U.S. Territories located in the Canal Zone. If so, ILJIN will arrange to have the owner/purchaser notice and envelope printed in Spanish. Copies in both Spanish and English should be sent to persons in those locations.

ILJIN requests that Federal-Mogul provide a list of the names and addresses of the persons to whom the notice was sent.



28055 Haggerty Road
Novi, MI 48377-2902
Tel : (248) 848-1020
Fax : (248) 848-0566

ILJIN will reimburse Federal-Mogul for its costs associated with providing notice to owners and purchasers of the recalled units.

If you have any questions, please contact me at:

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation
28055 Haggerty Road
Novi, MI 48377
248-848-1021 Office
734-693-4546 Mobile
Email: kelly.t.grubaugh@ILJIN.com

ILJIN greatly appreciates Federal-Mogul's continuing efforts and cooperation in implementing this recall.

Sincerely,

A handwritten signature in black ink that reads "Kelly T. Grubaugh".

Kelly T. Grubaugh
Director - Engineering & Quality Assurance
ILJIN USA Corporation

IMPORTANT SAFETY RECALL NOTICE

NHTSA Campaign Number: 13E-055

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

WHY ARE YOU RECEIVING THIS NOTICE?

ILJIN Global Co., Ltd., has decided that a defect which relates to motor vehicle safety exists in certain front wheel bearings. ILJIN Global Co., Ltd. is recalling these specific parts, through ILJIN USA Corporation.

Based on available sales or service records, it appears that you may have purchased a front wheel bearing that is subject to recall or that a front wheel bearing subject to recall may have been installed on your vehicle.

The parts involved in this recall were manufactured by ILJIN and sold to Federal-Mogul Corporation.

The bearings were manufactured with the wheel speed sensor wires reversed. Due to the reversed wires, the sensor will not function, disabling the antilock braking system (ABS). Without ABS, the driver may have reduced control of the vehicle while braking and require a longer distance to stop the vehicle, increasing the risk of a crash.

The parts have been marketed by Federal-Mogul under the MOOG brand name for aftermarket service use. The front wheel bearings involved in this recall are MOOG Part Nos. 515082 and 515083.

The front wheel bearings are sold as replacement equipment for use on Ford Heavy Duty Trucks in Model Years 2005 to 2010.

The National Highway Traffic Safety Administration has assigned Campaign #13E-055 to this recall.

WHAT PARTS ARE INVOLVED?

This recall involves certain front wheel bearing units. The parts are identified as:

MOOG Part Nos. 515082 and 515083.

The recall includes parts within the following date code ranges: A13239-A13253, and A13274.

The part number label is affixed to the product packaging. The location of the part number and date code are illustrated in the following image:



The part numbers are front wheel bearings that fit on Ford Heavy Duty Trucks for Model Years 2005 through 2010 with anti-lock braking systems.

WHAT IS THE PROBLEM?

The wheel speed sensors of the wheel bearings were produced with the signal and VCC wiring reversed in the sensor wiring harness connector. As a result, the wheel speed sensor does not provide the proper signal output when the front wheel bearing is installed on vehicles using the defective wiring harness connector.

The defect will cause the anti-lock braking system (ABS) warning light to come on after installation. The defect may also disable the ABS, which may not be operational when the vehicle is driven. The standard braking system is not affected and functions properly.

WHAT PRECAUTIONS SHOULD YOU TAKE?

If the front wheel bearing has been installed on your vehicle and the ABS warning light is on, you should use great caution when driving since the anti-lock braking system may be disabled and may not operate properly.

An anti-lock braking system works with the regular or foundation brakes on your vehicle to help keep your base brakes from locking up. In vehicles equipped with ABS, the driver's foot remains firmly on the brake pedal, allowing the system to automatically pump the brakes. In vehicles not equipped with ABS, the driver can manually pump the brakes to prevent wheel lockup.

If you have to drive your vehicle when the ABS warning light is on, you should operate your brakes as if you do not have an anti-lock braking system. In the event of a panic stop or a stop on wet or slippery surfaces, you should manually pump your brakes.

WHAT IS BEING DONE ABOUT THE PROBLEM?

ILJIN, in cooperation with Federal-Mogul, has implemented a program to ensure that defective parts which have been purchased by end-users will be repaired or replaced at no charge and to reimburse purchasers who have already repaired or replaced the defective parts. This notice will provide you with information about the program.

ILJIN has corrected the problem in the manufacturing process that caused the defect. ILJIN has recalled the defective parts that have not been sold to end-users and taken steps to either repair or replace those items.

WHAT SHOULD YOU DO?

If the part has not been installed on a vehicle, do not install the front wheel bearing. You should return it to the retailer for a full refund or a replacement part at no charge.

If the part has been installed, please contact the installing dealer or another qualified repair facility as soon as possible to arrange an appointment to have the part repaired.

The repair will involve removal of the defective wheel sensor wiring harness from the front wheel bearing. A new wheel sensor wiring harness will be attached and tested. In some cases, ILJIN or Federal-Mogul may determine, at their discretion, that the front wheel bearing unit should be replaced.

The estimated time for repairing the defective unit is 1.5 hours for replacing the wheel sensor wiring harness and 3 hours if replacing the front wheel bearing unit is necessary.

There will be no charge to you for the inspection of your vehicle and repair of the defective part.

Please have the installing dealer or repair facility contact Federal-Mogul Customer Service toll-free at 1-877-489-6659 before the repairs are done. Federal-Mogul will supply detailed work instructions and replacement parts. Federal-Mogul will also make arrangements for payment to the installing dealer or repair facility.

You may contact the installing dealer or repair facility now. The necessary parts and instructions for completing the repair or replacement are currently available from Federal-Mogul.

If you prefer to do the repairs yourself, please contact Federal-Mogul Customer Service to obtain detailed work instructions and replacement parts. You may call Federal-Mogul Customer Service toll-free at 1-877-489-6659.

If you have already removed, repaired or replaced the defective part or paid someone to do so, you may be eligible to receive reimbursement for any reasonable charges or costs that you have incurred. Please contact Federal-Mogul Customer Service to get further information about what you need to do to obtain reimbursement. You may call Federal-Mogul Customer Service toll-free at 1-877-489-6659.

You may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153) or go to www.safercar.gov.

If you have leased the vehicle to another person, federal regulations require that you forward a copy of this notice to the lessee within ten days.

WHAT CAN YOU DO IF YOU ARE NOT SATISFIED?

If you believe that ILJIN has failed to remedy the defect without charge and within a reasonable amount of time, you have the right to submit a complaint. Any complaint should be sent to:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Ave., SE.
Washington DC 20590

You may also call the NHTSA Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153). This is a toll-free call.

You may also submit a complaint on NHTSA's website, <http://www.safercar.gov>

WHAT IF YOU HAVE ANY QUESTIONS?

If you have questions or would like more information, please contact Federal-Mogul Customer Service at 1-877-489-6659.