Fuji Heavy Industries U.S.A., Inc.
c/o Subaru of America
Subaru Plaza
PO Box 6000
Cherry Hill, NJ 08034-6000
856-488-8500
856-488-8669 fax

April 3, 2013
Ref. No.: GR13-023

Ms. Nancy Lummen Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attention: Early Warning Division (NVS–217)
1200 New Jersey Avenue S.E.
Washington, DC 20590

RE: Safety Campaign Report – 2012MY Right-Hand Drive (RHD) Subaru Impreza, XV Crosstrek and Forester Vehicles Equipped with FB-Type Engine: Possible Engine Harness Damage

Dear Ms. Lewis,

Pursuant to 49 CFR Part 579.11(a), Fuji Heavy Industries USA, Inc. is reporting a foreign safety campaign determined by Fuji Heavy Industries Ltd [FHI]. As required in 579.12, here is information regarding this safety campaign:

1. **Type of action:** Safety campaign.

2. **Conducted by:** Manufacturer: Fuji Heavy Industries Ltd.
Subaru Bldg. 1-7-2, Nishi-Shinjuku, Shinjuku-Ku
Tokyo 160-8316

Designated agent: Fuji Heavy Industries USA, Inc.
PO Box 6000, Subaru Plaza
Cherry Hill, NJ 08034-6000

3. **Determination by:** Fuji Heavy Industries Ltd. on March 28, 2013.

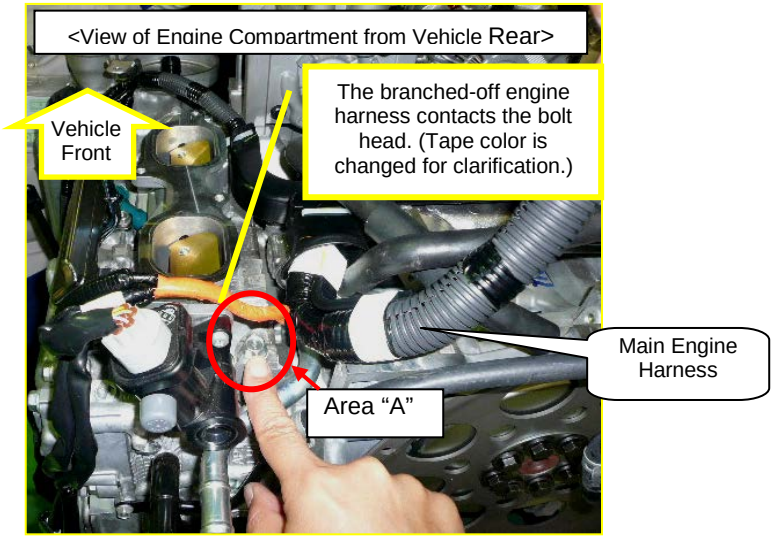
4. **Affected Vehicles:** Certain 2012MY RHD Subaru Impreza, XV Crosstrek, Forester and 2013MY RHD pre-production Subaru Legacy vehicles, which are equipped with FB-type engine. These RHD vehicles equipped with the affected engine have not been introduced in the U.S. market. The affected vehicles were manufactured from January 20, 2012 - April 9, 2012.

5**. Number of Affected Vehicles:** 16,000 units.

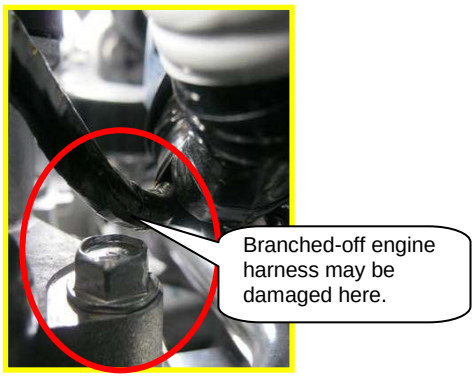
6. **Affected foreign countries:** 17 countries including Japan, Hong Kong, Singapore, Indonesia, Brunei, Bangladesh, Malaysia, U.K., Malta, Cyprus, Jamaica, Trinidad and Tobago, St. Lucia, Kenya, South Africa, Australia and New Zealand.

7**. Description of defect:** In case the main engine harness of FB-Type engine, which is equipped on Subaru RHD vehicles, was improperly routed, the branched-off engine harness may be pushed toward the edge of intake manifold installation bolt by blow-by hose, and vinyl tube of the branched-off harness may chafe and damage during usage due to vibration of engine.

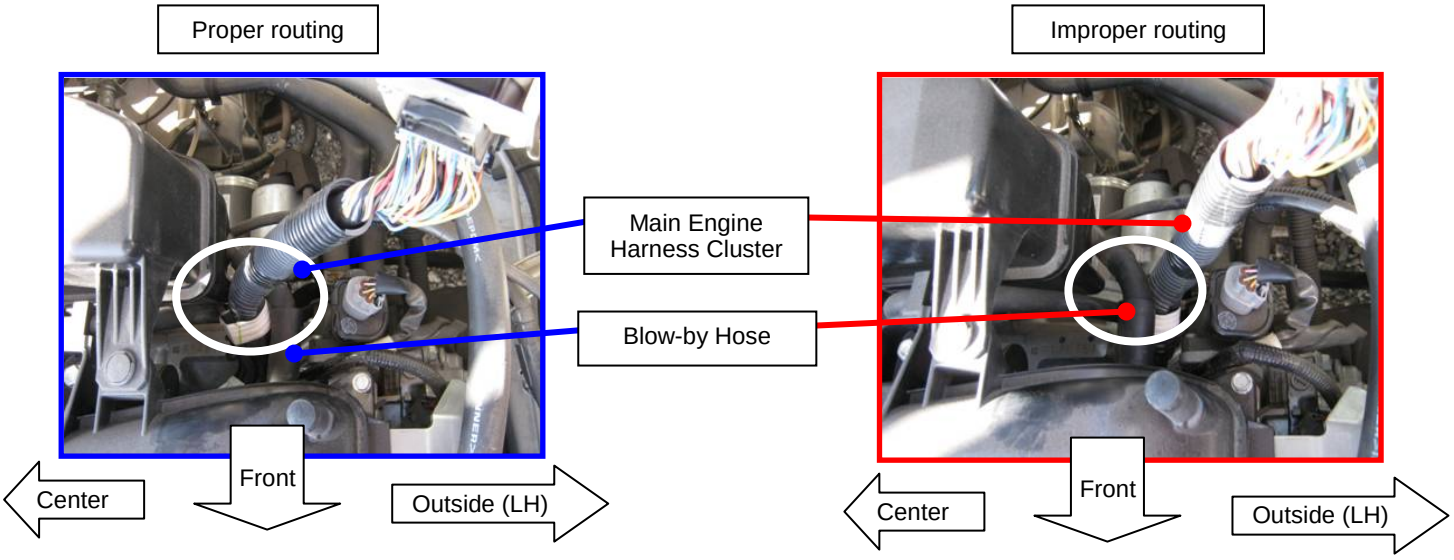
Under these circumstances, the internal wires may be exposed and short circuit may occur, which will possibly lead to engine stall with no restarting condition in the worst case. Only RHD Subaru vehicles which are equipped with FB-type engine are involved in the recall.



Magnified View of Area "A"



<Routing of Main Engine Harness Cluster>



8. **Program for remedying the defect:** Notification to owners and dealers. Subaru dealers in the affected countries will check routing of the main engine harness cluster and correct it as necessary. Also, in case the branched-off engine harness was damaged, it will be repaired or replaced with a new part according to the condition. The recall will commence in each Country when the replacement harness is available.

9. **Substantially similar U.S. vehicles:** The RHD Subaru 2012MY Impreza, XV Crosstrek, Forester and 2013MY RHD pre-production Subaru Legacy vehicles are substantially similar to their counterparts for sale in the United States. The affected RHD vehicles equipped with FB-type engine have not been introduced in the U.S. market.

10. Fuji Heavy Industries, Ltd. received 3 technical reports from Australia and another report from Japanese domestic market, in which no restarting, engine stall or warning light illumination is described.
There are no crashes, injuries or deaths involved in any report.

If there are any questions or a need for additional information, please contact me by telephone at (443) 430-3619 or by e-mail at jfro@subaru.com.

Sincerely,

John Frooshani
Safety Activities Manager
Government Relations
Fuji Heavy Industries USA, Inc.