

# Part 573 Safety Recall Report

# 17V-022

**Manufacturer Name :** Mitsubishi Motors North America, Inc.**Submission Date :** AUG 29, 2017**NHTSA Recall No. :** 17V-022**Manufacturer Recall No. :** SR-17-001**Manufacturer Information :****Population :**

Manufacturer Name : Mitsubishi Motors North America, Inc.

Number of potentially involved : 1,964

Address : 6400 Katella Avenue

Estimated percentage with defect : 100 %

Cypress CA 90630

Company phone : 1-888-648-7820

**Vehicle Information :**

Vehicle 1 : 2012-2012 Mitsubishi i-MiEV

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Only vehicles manufactured within the specified production dates are potentially affected by this recall.

Production Dates : OCT 28, 2011 - SEP 07, 2012

VIN Range 1 : Begin : JA3215H12CU004949 End : JA3215H10CU033186  Not sequential

Vehicle 2 : 2014-2014 Mitsubishi i-MiEV

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Only vehicles manufactured within the specified production dates are potentially affected by this recall.

Production Dates : MAR 12, 2014 - SEP 03, 2014

VIN Range 1 : Begin : JA3215H45EU018938 End : JA3215H45EU025260  Not sequential

**Description of Defect :**

Description of the Defect : Takata has determined that a defect related to motor vehicle safety may arise in some of the subject ammonium nitrate inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures and high temperature cycling. Testing and analyses conducted by Takata and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations. Takata believes that the subject inflators perform as originally designed and manufactured and do not pose an unreasonable risk to safety until they reach a certain level of propellant degradation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

Description of the Cause : The propellant wafers in some of the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based upon Takata's investigation to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability.

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : TK HOLDINGS INC.

Address : 2500 Takata Drive  
Auburn Hills MICHIGAN 48326

Country : United States

**Chronology :**

On Jan 3, 2017, Takata submitted three Defect Information Reports (DIRs) announcing recalls of vehicles equipped with certain original equipment non-desiccated inflators used in frontal airbag systems containing phase stabilized ammonium nitrate-based propellant not included in prior national recalls. These DIRs specifically include 2012 and older vehicles that have been registered in Zone A, 2009 and older vehicles that have been registered in Zone B, and 2008 and older vehicles that have been registered in Zone C. These Zones are defined in the respective DIRs.

On Jan 6, 2017, based on review and analysis of the information contained in the Takata DIRs, MMC decided to conduct a nationwide safety recall campaign involving 2012–2014 model year i-MiEV vehicles equipped with non-desiccated PSPI-6 frontal passenger airbag inflators.

## Description of Remedy :

Description of Remedy Program : Owners of all affected vehicles will be notified by first class mail to take their vehicles to a Mitsubishi Dealer for repair. The dealer will replace, free of charge, the passenger side frontal airbag inflator with a new, non-AN based inflator. Owners seeking reimbursement for any expenses associated with this recall will be directed in the notification letter to contact the Mitsubishi Customer Relations Department for instructions on how to apply for a refund.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : MMNA is working internally to determine the dealer and customer notification date and will update accordingly.

Planned Dealer Notification Date : MAR 07, 2017 - MAR 07, 2017

Planned Owner Notification Date : MAR 10, 2017 - MAR 10, 2017

\* NR - Not Reported