

Part 573 Safety Recall Report**14E-057****Manufacturer Name :** Navistar, Inc.**Submission Date :** AUG 25,2014**NHTSA Recall No. :** 14E-057**Manufacturer Recall No. :** 14513**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive
Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 53,504

Estimated percentage with defect : 100

Equipment Information :**Brand / Trade :**Navistar

Model : all models

Part No. : FLTTRIKIT3

Size : NR

Function : warning

Descriptive Information : Safety Triangles sold in aftermarket for warning device

Production Dates : AUG 15, 2012 - JUL 25, 2014

Description of Defect :

Description of the Defect : Warning devices potentially noncompliant to Federal Motor Vehicle Safety Standard (FMVSS) 125 – S5.2.3, S5.5, S5.6, and S5.7; when placed on the roadway, especially in nighttime operation, to warn other motorists of a disabled vehicle on the side of the road, may fail to warn other motorists of the impending hazard.

Description of the Safety Risk : This is a non compliance recall

Description of the Cause : The initial supplier samples did conform to the full requirements of FMVSS 125, however, supplier process controls were inadequate to ensure continuous compliant product

Identification of Any Warning that can Occur : The warning triangles are still fully functional, however, as a result of the non compliant condition at manufacture, the intensity of the reflector and the coloring may be diminished. The noncompliant condition does not get progressively worse over time.

Supplier Identification :**Component Manufacturer**

Name : Torch Industries

Address : No. 58-6 Donglong Rd
Longtan Township 32571

Country : NR

Chronology :

See attached.

Description of Remedy :

Description of Remedy Program : The remedy will involve sending notices to all North American dealers to post recall notices at their service desks and service parts counters, to provide dealer communications for contacting their customers regarding the suspect triangle kits, and provide customers with a replacement triangle replacement kit free of charge.

How Remedy Component Differs from Recalled Component : The remedy parts will be supplied by a different supplier that is fully compliant to FMVSS 125, compared with the non-compliant safety triangle kits that were supplied by Torch.

Identify How/When Recall Condition was Corrected in Production : This is an aftermarket part not used in production

Recall Schedule :

Description of Recall Schedule : The remedy will involve sending notices to all North American dealers to post recall notices at their service desks and service parts counters. They will then contact their customers to return or exchange the non-compliant parts.

Planned Dealer Notification Date : OCT 20, 2014 - OCT 21, 2014

Planned Owner Notification Date : OCT 20, 2014 - OCT 21, 2014

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported

For noncompliance, identify the test results and other information considered in determining the existence of the noncompliance, and provide the date of each test and observation indicative of that noncompliance.

The following test results were communicated to Navistar from independent testing laboratory CALCOAST on 07/22/2014.

- S5.2.3 Configuration – Each face of the triangular portion of the warning device shall have an outer border of red reflex reflective material of uniform width and not less than 0.75 and not more than 1.75 inches wide and an inner border of orange florescent material of uniform width and not less than 1.25 and not more than 1.30 inches wide.
 - The inner border of orange fluorescent material is not of uniform with and is more than 1.30 inches wide.

- S5.3.1 Red Reflex Color – The color of the red reflex reflective material on the warning device shall have the following characteristics, both before and after the warning device has been conditioned in accordance with S6.1, when the source of illumination is a lamp with a tungsten filament operating at 2856° Kelvin color temperature. Expressed in terms of the International Commission on Illumination (CIE) 1931 standard colorimetric observer system (CIE chromaticity diagram, Figure 4), the chromaticity coordinates of the red reflex reflective material shall lie within the region bounded by the spectrum locus and the lines on the diagram defined by the following equations:
 - Boundary Equations
 - Yellow $y=0.33$
 - White $x y=0.98$
 - The sample tested did not meet the Red Reflex Color requirements.

S5.4 Reflectivity - When the red reflex reflective material on the warning device is tested in accordance with S6.2, both before and after the warning device has been conditioned in accordance with S6.1, its total candlepower per incident foot candle shall be not less than the values specified in Table I for each of the listed entrance angles.

Observation Angles - Degrees	TOTAL MINIMUM CANDLEPOWER PER INCIDENT FOOT CANDLE						
	Entrance Angles - Degrees						
	0	10 up	10 down	20 left	20 right	30 left	30 right
0.2	80	80	80	40	40	8.0	8.0
1.5	0.8	0.8	0.8	0.4	0.4	0.08	0.08

TABLE I

- The sample tested did not meet the minimum Reflectivity requirements.