

# Part 573 Safety Recall Report

## 23E-048

**Manufacturer Name :** Eagle Eyes Traffic Ind. Co., Ltd**Submission Date :** JUN 27, 2023**NHTSA Recall No. :** 23E-048**Manufacturer Recall No. :** 23UPIAC1**Manufacturer Information :****Population :****Manufacturer Name :** Eagle Eyes Traffic Ind. Co., Ltd**Number of potentially involved :** 3,639**Address :** No.818, Zhongshan N. Rd., Yongkang Di  
Tainan City 00 710**Estimated percentage with defect :** 100 %**Company phone :** 8708357**Equipment Information :****Brand / Trade 1 :** Peterbilt**Model :** 389**Part No. :** PB002-BOWPL-US0172**Size :** UPI 31645**Function :** Left Head Light**Descriptive Information :** Recall shall be directed to all left aftermarket replacement headlight already sold by UPI to customers. QTY involved is 1730.**Production Dates :** OCT 11, 2018 - JUN 15, 2022**Brand / Trade 2 :** Peterbilt**Model :** 389**Part No. :** PB002-BOWPR-US0172**Size :** UPI 31646**Function :** Right HeadLight**Descriptive Information :** Recall shall be directed to all right aftermarket replacement headlight already sold by UPI to customers. QTY involved is 1909**Production Dates :** OCT 01, 2018 - JUN 15, 2022

## Description of Noncompliance :

Description of the Noncompliance : Eagle Eyes Traffic has determined that SKU number EE SKU PB002-BOWPL-US0172 "Left" and PB002-BOWPR-US0172 "Right" made for UPI to sell as headlights UPI 31645 "Left" and UPI 31646 "Right" to be fitted for Peterbilt 389 2008 have certain non-compliance issues including (a) Headlamp markings failures, (b) Front turn signal lamp ratio to parking lamp failures, (c) Front turn signal lamp photometry failures, (d) Parking lamp photometry failures, (e) Reflex reflector photometry failures, (f) Lower beam Photometry failures, (g) Upper beam Photometry failures, and (h) Visual/Optical aiming – Maximum inclination of the cutoff failures.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Headlights not meeting the FMVSS108 standard increases the risk of causing hazardous condition that lead to potential accidents.

Description of the Cause : (a) Headlamp markings failures: the lens of all lamps were incorrectly marked with "H7" bulb designation in front of the replaceable light sources. Lamp uses H9 bulb. (b) Front turn signal lamp ratio to parking lamp failures: lamps do not meet the ratio requirements at selected test points. (c) Front turn signal lamp photometry failures: lamps failed to meet the minimum photometric requirements at selected test points. (d) Parking lamp photometry failures: lamps failed to meet the maximum photometric requirements at selected test points. (e) Reflex reflector photometry failures: lamps failed to meet the minimum photometric requirements at selected testpoints.

(f) Lower beam Photometry failures: lamps failed to meet the minimum photometric requirements at selected test points.

(g) Upper beam Photometry failures: lamps failed to meet the minimum photometric requirement at selected test point.

(h) Visual/Optical aiming: lamps failed to meet the maximum inclination of the cutoff requirement.

Identification of Any Warning that can Occur : The occupant may see that the light does not illuminate as desired hence such condition can be considered as warning.

## Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

### Chronology :

On December 12, 2022, NHTSA provided a draft of photometric test conducted by CALCOAST ITL to UPI which was then referred to Eagle Eyes. The report indicates that certain aftermarket replacement headlights made for United Pacific 31645/46 for 2018 Peterbilt 389 as purchased and tested experienced various non-compliance with FMVSS108. To be safe, UPI was instructed to not sale any more United Pacific 31645/46. Although the test was conducted CALCOAST ITL using test fixture provided by Eagle Eyes, concerns that perhaps CALCOAST ITL did not mount the headlights properly caused failure of the test points. Nevertheless, Eagle Eyes began the process of modifying the mold to address at least some of the issues addressed in the draft of photometric test. On June 1, 2023, NHTSA officially issued a demand of information letter to UPI based on the December 12, 2022, draft test report. Upon reviewing the letter, Eagle Eyes determined a noncompliance with a motor vehicle safety standard has been deemed to exist and shall proceed with recall action. Neither Eagle Eyes nor UPI is not aware of any reports of accident or injury related to this condition.

### Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and provide a 1-800-number to call in to request a replacement lamp and a new certified replacement lamp will be sent directly to the customer.  
There will be no charge for this service.

How Remedy Component Differs from Recalled Component : The replacement headlight will be label as a new product number both on EE side and on UPI side.

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

a) Headlamp markings failures: the lens of all lamps were incorrectly marked with "H7" bulb designation in front of the replaceable light sources. Lamp uses H9 bulb:

Expect the mold modification would be finished by 2023/06/12, and headlight assembly test will be conducted.

(b) Front turn signal lamp ratio to parking lamp failures: lamps do not meet the ratio requirements at selected test points.

2023/02/01 internal sleeve mold modification finished

(c) Front turn signal lamp photometry failures: lamps failed to meet the minimum photometric requirements at selected test points.

2023/02/01 internal sleeve mold modification finished

(d) Parking lamp photometry failures: lamps failed to meet the maximum photometric requirements at selected test points.

2023/06/17 Finished lowering driving light's current, finished colour amber modification.

(e) Reflex reflector photometry failures: lamps failed to meet the minimum photometric requirements at selected testpoints.

2023/06/01 First judgement that the reflector brightness passed. Headlight assembly test will be conducted.

(f) Lower beam Photometry failures: lamps failed to meet the minimum photometric requirements at selected test points.

2023/06/01 First assessment that the panel brightness passed, waiting for headlight assembly test.

(g) Upper beam Photometry failures: lamps failed to meet the minimum photometric requirement at selected test point.

Expect high beam bracket mold modification will be finished on 2023/06/21. Headlight assembly test will folllow.

(h) Visual/Optical aiming: lamps failed to meet the maximum inclination of the cutoff requirement.

Expect the mold modification would be finished by 2023/06/12, and headlight assembly test will be conducted.

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is expected to occur on

July 31, 2023.

Mailing of owner notification letters is expected to begin July 31, 2023 and is expected to complete by August 5, 2023.

Planned Dealer Notification Date : JUL 31, 2023 - JUL 31, 2023

Planned Owner Notification Date : JUL 31, 2023 - AUG 05, 2023

**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