

Part 573 Safety Recall Report**16V-005****Manufacturer Name :** Transportation Collaborative, Inc.**Submission Date :** JAN 07, 2016**NHTSA Recall No. :** 16V-005**Manufacturer Recall No. :** 15E-090**Manufacturer Information :**

Manufacturer Name : Transportation Collaborative, Inc.

Address : 7 Lake Station Road

Warwick NY 10990

Company phone : 845-988-0419

Population :

Number of potentially involved : 257

Estimated percentage with defect : 99

Vehicle Information :

Vehicle : 2015-2015 Trans Tech Bus/ Chevrolet Student Safety Transporter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Trans Tech Bus Student Safety Transporters built on Chevrolet chassis, all body lengths.

Production Dates : MAY 01, 2015 - NOV 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Trans Tech Bus/ Ford Student Safety Transporter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Trans Tech Bus Student Safety Transporter built on Ford chassis, all body lengths.

Production Dates : MAY 01, 2015 - NOV 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Trans Tech Bus/ Chevrolet Student Transporter - Aero

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Trans Tech Bus ST Aero built on Chevrolet chassis, all body lengths.

Production Dates : MAY 01, 2015 - NOV 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Trans Tech Bus/ Ford Student Transporter - Aero

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Trans Tech Bus ST Aero models built on Ford chassis, all body lengths.

Production Dates : MAY 01, 2015 - NOV 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Trans Tech Bus/ Chevrolet RoadStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Trans Tech Bus RoadStar models built on Chevrolet chassis, all body lengths.

Production Dates : MAY 01, 2015 - NOV 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The defect involves Federal Motor Vehicle Safety Standard No. 571.131; "School Bus Pedestrian Safety Devices". Specifically, the adhesive and process used to bond the reflective stop decal to the stop arm body/housing was improperly performed, which can lead to de-lamination and/or detachment during operation.

FMVSS 1 : 131 - School bus pedestrian safety devices

FMVSS 2 : NR

Description of the Safety Risk : The consequence of the defect is reduced visibility to other drivers, increasing the risk of a crash or injury to occupants crossing during loading or unloading of the vehicle.

Description of the Cause : The quality or "surface preparation" of the plastic blade is performed via a flaming process. The blade is exposed to an open flame which removes a layer of oxygen which may have formed on the plastic (post-molding). At the time of root cause investigation, a review of the flaming process and parts showed that the parts did not exhibit the expected change in surface temperature immediately after the flaming process. A change in surface temperature is indicative of proper surface preparation. Additionally, the decal did not have the correct amount of pressure applied in the subsequent manufacturing process.

Identification of Any Warning that can Occur : Products manufactured within the affected date range may experience decal de-lamination as an early warning. However,

there are no definitive characteristics, as not all decals will show de-lamination to the human eye. Physical inspection of date of manufacture is required.

Supplier Identification :**Component Manufacturer**

Name : Specialty Manufacturing Incorporated

Address : 13501 S. Ridge Rd.

Charlotte NORTH CAROLINA 28273

Country : United States

Chronology :

January 7th, 2016 – TransTech Bus, a TCI Company, received notification of this defect and subsequently issued a Notification to the National Highway Transportation Safety Administration pursuant to CFR Part 573, and began to determine population metrics.

Description of Remedy :

Description of Remedy Program : Replacing the stop arm blade assemblies will resolve the defect (application of the decal to the blade in the field is not recommended). The free service kit provided by SMI will include (1) Transpec stop arm blade (replacement part will be based on the stop arm part, this information can be found on the white label bottom of the stop arm housing, the model number and date of manufacture are printed here) and detailed work instructions. It will be the responsibility of the end-user to inspect for and mitigate the remedy.

How Remedy Component Differs from Recalled Component : The furnished replacement blade will have optimal surface preparation process and surface pressure process performed.

Identify How/When Recall Condition was Corrected in Production : As of 10/2/15, All T6000, T6001, T6100 and T6101 Models are produced using the new process parameters for decal adhesion.

As of 10/19/15, all T7000 and T7001 Models are produced using the new process parameters for decal adhesion.

Recall Schedule :

Description of Recall Schedule : Upon approval of this report, Trans Tech Bus will notify affected customers by issuing dealer and end-user notifications for affected models. This scheduled mailing will occur no later than January 18, 2016.

Planned Dealer Notification Date : JAN 18, 2016 - JAN 18, 2016

Planned Owner Notification Date : JAN 18, 2016 - JAN 18, 2016

* NR - Not Reported