

Part 573 Safety Recall Report

16V-580

Manufacturer Name : Hyundai Translead

Submission Date : AUG 01, 2016

NHTSA Recall No. : 16V-580

Manufacturer Recall No. : 16E-045



Manufacturer Information :

Manufacturer Name : Hyundai Translead

Address : 8880 Rio San Diego Drive, #500
San Diego CA 92108-164

Company phone : 819-574-1500

Population :

Number of potentially involved : 8,967

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2004-2016 Hyundai Translead Dry Van, Reefer Van, Chassis, Container

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : SR-5 Trailer spring brake valve bodies were machined without a radius on an internal check valve seat.

Production Dates : JAN 04, 2004 - MAR 04, 2016

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : SR-5 Trailer spring brake valve bodies were machined without a radius on an internal check valve seat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, primarily off-highway or in trailer yards, there can be a delay in the application of the spring brakes to park the trailer after the operator pulls the dash valve button. This slow to park condition may lead to trailer roll away after decoupling from the tractor.

Description of the Cause : During transition to a new valve body supplier, a check valve seat radius dimension was inadvertently omitted from a revised drawing.

Identification of Any Warning that can Occur : While the trailer slow to park event can happen without warning, a trailer experiencing the condition will have an audible air leak from the dash mounted park control valve or red glad hand when it is disconnected, prior to tractor decoupling. This leakage will continue until the trailer reservoirs and spring brake chambers are depleted of air pressure.

Supplier Identification :

Component Manufacturer

Name : Bendix
Address : 901 Cleveland Street
Elyria OHIO 44035
Country : United States

Chronology :

- 2/12/2016 Bendix notified that a customer's trailer park brake was slow to apply
- 2/29/2016 Bendix confirms two (2) trailers with slow to apply condition
- 2/29/2016 Bendix investigation of slow park condition begins
- 3/4/2016 Valve body discovered without a radius on an internal check valve seat
- 3/5/2016 Bendix initiates a material change request to add radius to check valve seat
- 3/23/2016 Bendix begins a large sample, high cycle count testing regimen to duplicate field failures
- 3/31/2016 Bendix interviews a customer who informs team that when tractor parking system was not engaged, tractor trailer combo, which was sitting on a slight slope grading, moved without warning
- 4/21/2016 Bendix confirms when the radius is present the slow park condition does not occur
- 4/29/2016 Vehicle testing complete
- 5/3/2016 Bendix determines a recall is warranted

Description of Remedy :

Description of Remedy Program :	As of the date of this report, the details of the remedy program are still being developed. When these details are finalized, this report will be updated with this information.
How Remedy Component Differs from Recalled Component :	As of the date of this report, the details of the remedy program are still being developed. When these details are finalized, this report will be updated with this information.
Identify How/When Recall Condition was Corrected in Production :	Bendix began machining the check valve seat radius in valve bodies at its manufacturing facility on 3/5/2015.

Recall Schedule :

Description of Recall Schedule :	Development of the recall schedule for notification is in process. Informal OEM notification will begin immediately with formal notification to all purchasers beginning no later than July 9, 2016.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported