Part 573 Safety Recall Report

16E-034

Manufacturer Name : Nitrous Outlet
Submission Date : APR 11, 2016
NHTSA Recall No. : 16E-034
Manufacturer Recall No. : NR

Manufacturer Information :

Manufacturer Name : Nitrous Outlet
Address : 305 S 28th Street
Waco TX 76710
Company phone : 2548484300

Population :

Number of potentially involved : 582
Estimated percentage with defect : NR

Equipment Information :

Brand / Trade : Nitrous Outlet
Model : .122 Nitrous Solenoid
Part No. : 00-50004
Size : NR
Function : NR
Descriptive Information : Nitrous Outlet .122 Nitrous Solenoid (Flows 500 HP)(27 Amp Draw)
Production Dates : MAY 01, 2015 - JUL 30, 2015

Description of Defect :

Description of the Defect : Solenoid tower may not be welded correctly
FMVSS 1 : NR
FMVSS 2 : NR
Description of the Safety Risk : Solenoid tower may come apart during use of the nitrous system. This may cause the piston inside to be ejected.
Description of the Cause : Solenoids were not welded correctly from the manufacturer. The manufacturer did not properly weld the tower together due to the process they were using.
Identification of Any Warning that can Occur : The solenoid may leak nitrous at the seam that was not welded correctly.

Supplier Identification :

Component Manufacturer

Name : Peter Paul Electronics
Address : 480 John Downey Drive
New Britain CONNECTICUT 06050
Country : United States

Chronology :

6-19-2015: Our CEO was made aware of a possible defect by one of our customers. He made Peter Paul aware that the tower was not welded correctly on one of our current stock solenoids.
8-14-2015: Peter Paul made us aware of their production recall. They gave us the invoice numbers and batch numbers for the affected solenoids.
8-31-2015: We sent out an official Recall Notice to all affected customers according to our records.

Description of Remedy :

Description of Remedy Program : 1. We notified our customers of the affected components, telling them to send them back to us for a full refund or replacement part. (Our records showed 582 transactions affected by the recall.)
2. We returned all of our current inventory back to Peter Paul, and they corrected the issue with the towers before sending them back to us.
3. Peter Paul agreed to reimburse us for all shipping charges incurred for the recall. This included shipping customer's replacement solenoids as well as the return call tags to get affected solenoids back from customers.

How Remedy Component Differs from Recalled Component : The remedied component was manufactured using a better process. From Peter Paul: "When we machine the weld, we now do so, on a CNC to eliminate variability, and we are pressure testing all sleeves at 1200 psi."

Identify How/When Recall Condition was Corrected in Production : The remedied component was manufactured using a better process. From Peter Paul: "When we machine the weld, we now do so, on a CNC to eliminate variability, and we are pressure testing all sleeves at 1200 psi."

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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