

Part 573 Safety Recall Report

16V-952

Manufacturer Name : Southwest Products**Submission Date :** DEC 27, 2016**NHTSA Recall No. :** 16V-952**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Southwest Products

Address : 11690 North 132nd Ave.

Suprise AZ 85224

Company phone : 269.3581

Population :

Number of potentially involved : 182

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2016 Southwest Products QP25, 35, 45/50

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : These are trailer mounted, portable gen-sets. Please note that the VIN Range entry field below will not allow the Southwest Products VIN range to be entered. They are as follows:

QP25 - 6504/13-8342/0916

QP35 - 6504/13-8342/0916

QP45/50 - 7168/14-8342/0916

Production Dates : JAN 08, 2013 - NOV 30, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2013-2016 Southwest Products QP25, 35, 45/50

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : These are trailer mounted, portable gen-sets. Please note that the VIN Range entry field below will not allow the Southwest Products VIN Range to be entered. They are as follows:

QP 25: 6504/13 - 8342/0916

QP35: 6504/13 - 8342-0916

QP45/50: 7168/14 - 8342/0916

Production Dates : JAN 08, 2013 - NOV 30, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Bending and fastener breakage at connected weld and fastener joints between trailer tongue and generator base, as well as angle and gusset joints bending on the trailer tongue itself. Pictures available upon request.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Generator and portion of the trailer could become disconnected from the tow vehicle in extreme failure scenario. To date, no units have become disconnected from tow vehicle and no injuries have occurred.

Description of the Cause : Uncertain at this time and still investigating. Possibilities include weld failures, material failure or design flaw(s). Additional causes could be miss-use, miss-application or use outside the design intention.

Identification of Any Warning that can Occur : Cracks to weld joints, broken fasteners, or bending may be visible.

Supplier Identification :

Component Manufacturer

Name : JM Metal Fabrication

Address : 1080 Xinsong Rd.

Shihudang District Shanghai FOREIGN STATES

Country : China

Chronology :

We received notice of a potential failure of two QP 35 units in late Dec, 2016 and began investigating the cause. As part of the investigation we reviewed our Support Incident Tracking Program and identified the following possible previous failures in the same or similar model units:

QP50 - 7805/0715 Report received - 08-22-2016 : QTY 1
QP35 - 7524/14 Report received - 04-20-2016 : QTY 1
QP35 - 7581/0215 Report received - 12-10-2015 : QTY 1
QP50 - 7522/0315 Report received - 11-02-2015 : QTY 1
QP25 - 7740/0415 Report received - 06-02-2015 : QTY 1
QP50 - 7521/0315 Report received - 06-02-2015 : QTY 1
QP50 - 7522/0315 Report received - 06-02-2015 : QTY 1

From review of this information we concluded on December 19, 2016, that a safety defect might exist.

∫ We are reviewing the cause of these previous failures. It is very early into the process, and possibilities include weld failures, material failure or design flaw(s). Additional causes could be miss-use, miss-application, or use outside of the design intention.

After evaluating the total number of affected units, we believe the failure rate to be outside a normal rate for a product, which combined with a cautious approach, has led to the submittal of this report.

Description of Remedy :

Description of Remedy Program :	Failure circumstances and remedy are under investigation and possible remedy is under development utilizing engineering and production resources.
How Remedy Component Differs from Recalled Component :	As we have not finalized a remedy at this time, the differences between the remedy and recalled component is not available, but under development.
Identify How/When Recall Condition was Corrected in Production :	All production of the QP25, 35, 45 and 50 utilizing trailer kits sourced from this vendor has been suspended.

Recall Schedule :

Description of Recall Schedule :	Once a remedy has been developed, final recall schedule will be developed. Dates are approximate.
Planned Dealer Notification Date :	FEB 01, 2017 - APR 01, 2017
Planned Owner Notification Date :	FEB 01, 2017 - AUG 01, 2017

* NR - Not Reported