

Part 573 Safety Recall Report

21E-017

Manufacturer Name : WP Dynamics

Submission Date : MAR 08, 2021

NHTSA Recall No. : 21E-017

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : WP Dynamics

Address : 1017 W. 600 N.
Suite 4 Ogden UT 84404

Company phone : 549-4620

Population :

Number of potentially involved : 1,844

Estimated percentage with defect : 3 %

Equipment Information :

Brand / Trade 1 : ReadyLIFT

Model : Lift Kits

Part No. : 44-1960 et al.

Size : NR

Function : Suspension

Descriptive Information : This recall involves ReadyLIFT brand lift kits containing M18 Class 10.9 bolts in sizes ranging from 130mm to 150mm in length. Kits include the following part/stock keep numbers:

44-1960: 6" LIFT KIT - DODGE/RAM 1500 - 2019-2021

44-2575-K: 7" LIFT KIT - FORD F-150 4WD W/ SST3000 SHOCKS 2015-2020

44-2576: 7" LIFT KIT - FORD F-150 4WD W/ BILSTEIN REAR SHOCKS
2015-2020

44-2576LS: 7" LIFT KIT - FORD F-150 4WD W/ BILSTEIN REAR SHOCKS
2015-2020

67-2550: RADIUS ARM BRACKET KIT - FORD SUPER DUTY 4WD 2005-2016

69-2735: 3.5" SST LIFT KIT - FORD SUPER DUTY F250/F350 4WD (1-PC DRIVE
SHAFT ONLY) 2017-2021

69-2736: 3.5" SST LIFT KIT - FORD SUPER DUTY F250/F350 4WD (2-PC DRIVE
SHAFT ONLY) 2017-2021

ReadyLIFT estimates 1,844 ReadyLIFT lift kits are covered by this recall.
ReadyLIFT cannot estimate the number of recalled products that may contain the defect, but the company is recalling 100% of the kits identified.

Production Dates : SEP 01, 2020 - JAN 29, 2021

Description of Defect :

Description of the Defect : ReadyLIFT identified an issue with a production lot of the M18 130MM - 150MM Class 10.9 bolts shearing during or shortly after installation. Preliminary findings suggest the bolts were not properly heat treated to achieve Class 10.9 strength. The bolt typically shears during or shortly after in-vehicle installation as evidenced by the bolt head snapping off the bolt shaft.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a substandard bolt remains undetected, it could lead to loss of clamp load potentially resulting in separation of the suspension lower control arm, radius arm, relocation bracket, crossmember from the frame or chassis, which could potentially cause a loss of vehicle control. The separated components may also damage adjacent components including, but not limited to, suspension or body panel components and result in hazardous road debris.

Description of the Cause : Preliminary findings suggest the bolts were not properly heat treated to achieve Class 10.9 strength.

Identification of Any Warning that can Occur : The bolt typically shears during or shortly after in-vehicle installation as evidenced by the bolt head snapping off the bolt shaft.

Involved Components :

Component Name : M18 x 150mm Class 10.9 bolt

Component Description : Front and Rear Crossmember to Frame Bolts,

Component Part Number : NR

Component Name : M18 x 140mm Class 10.9 bolt

Component Description : Front LCA Pivot Bolts

Component Part Number : NR

Component Name : M18 x 130mm Class 10.9 bolt

Component Description : Front Radius Arm Bracket Bolts

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : KEN PIN MFG. CO., LTD.

Address : No 10 East 3rd Road Change Pin

Industrial Park Changhua Foreign States 507

Country : Taiwan, Province of China

Chronology :

In December 2020, in response to an elevated warranty claims rate for these M18 bolts in the lift kits identified, ReadyLIFT undertook a thorough review of its warranty and claims data and it consulted with the manufacturer/supplier of these bolts to understand the potential cause(s) of these claims. Preliminary torque specification tests were inconclusive since the only a small portion of the potential defective lot appeared to exhibit the shearing behavior. Subsequently, ReadyLIFT has received approximately 16 field issues related to these M18 bolts.

To further evaluate the potential root cause(s), in January 2021, ReadyLIFT initiated a testing program with the kit component manufacturer, bolt supplier, and a third-party test laboratory to conduct material analysis, review process controls, and isolate the M18 defective lot and prevent subsequent manufacturing defects. The test program was completed, and corrective actions were deployed in late January 2021.

Based upon the results of testing and other available data, on February 11, 2021, ReadyLIFT management decided to initiate this voluntary safety recall out of an abundance of caution. To date, there have been no reports of accidents, injuries, or fatalities related to this issue

Description of Remedy :

Description of Remedy Program :	ReadyLIFT is working with its distributors and retailer customers to identify and notify consumers of this recall. Affected consumers will be instructed to contact ReadyLIFT or their selling dealer to arrange to have their bolts replaced with new Class 10.9 bolts free of charge, including parts, installation, and alignment (when necessary).
How Remedy Component Differs from Recalled Component :	Material hardness and strength.
Identify How/When Recall Condition was Corrected in Production :	<p>For kits produced after January 29, 2021, a "QC INSPECTED" sticker has been placed on the packaging to indicate the product contains approved bolts. Subsequent component inventory has been inspected and tested for strength.</p> <p>The replacement M18 Class 10.9 hardware packs will be supplied directly by ReadyLIFT free of charge and all removal & replacement labor will be covered by ReadyLIFT.</p> <p>Inspect, remove, and replace for kits with bracket-to-frame components. Destroy and discard old bolts: 60 minutes Inspect, remove, replace, and alignment for kits with pivot components. Destroy and discard old bolts: 120 minutes</p>

Recall Schedule :

Description of Recall Schedule : ReadyLIFT's dealer notification letter has been published and its customer notification program will be issued within two weeks after NHTSA's review/approval

Planned Dealer Notification Date : FEB 25, 2021 - MAR 16, 2021

Planned Owner Notification Date : MAR 01, 2021 - JUL 30, 2021

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