

TO: «DEALER»
FROM: Don Chomic – Director, Product Safety
Kevin Hanegraaf – Director, Aftermarket Support



DATE: August 2016
SUBJECT: Recall Notice: **NHTSA 16V-585/ Pierce 74B277 – Waterous Pump Shift Unit**

VEHICLE SAFETY RECALL DEALER NOTIFICATION – IMPORTANT

Pierce has determined that a defect which relates to motor vehicles may exist in certain Arrow, Dash, Enforcer, Impel, Quantum, Saber, Velocity chassis; and vehicles built on chassis built by – International, Ford, Peterbilt, or Kenworth manufactured between 2015 and 2016. These vehicles may have been built with Waterous pumps models C20, C21, TC20, and TC21 with split-shaft transmissions, that may contain a defect that impacts vehicle safety.

Pierce has determined certain fire apparatus produced with Waterous pumps that have been recalled by Waterous, NHTSA # 16E-059, due to a defect in the shift unit of the pump. The shift unit is mounted on the rear side of the split-shaft Transmission case with a clevis and clevis pin that extends inside the transmission. The clevis pin is held in place by retaining rings installed in grooves in the clevis pin. The defect involves clevis pin retaining rings that were deformed during installation which can possibly permit the retaining ring to dislodge if subjected to high levels of vibration.

There is the possibility that the retaining ring on the top of the clevis pin may dislodge and the clevis pin may fall out and lose engagement with the shift fork. If that occurs, it will prevent the shift unit from being able to shift the transmission into position to provide power to drive a fire pump.

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If the power output cannot be changed, once the fire truck arrives at the scene, it may not be able to pump water to aid in extinguishing the fire, increasing the risk of injury.

VEHICLES INVOLVED

The vehicles involved are certain fire apparatus models Arrow, Dash, Enforcer, Impel, Quantum, Saber, and Velocity; and vehicles built on chassis built by – International, Ford, Peterbilt, Kenworth manufactured between 2015 and 2016 and built with Waterous pumps models C20, C21, TC20, and TC21 with split-shaft transmissions. There are a total of 470 affected vehicles.

Involved vehicles have been identified by Pierce job numbers and are listed on Pierceparts.com. Owner name and address data will enable dealers to follow up with owners involved in this campaign after Pierce has issued the customer notifications. Pierce has identified these vehicles based on build orders.

DEALER RESPONSIBILITY

It is the Pierce dealer's responsibility to support the customers on the defined list and to encourage the apparatus owner to schedule a service appointment to inspect the required components and as necessary replace the defective clevis pin. Please make sure the customer is aware the remedy will be provided by Pierce without charge.

It is a violation of Federal law for a dealer to deliver a new vehicle covered by this recall notice under a sale or lease until the defect has been remedied.

Thank you for your support and understanding. If you have any questions, please feel free to contact myself at 920-832-3342, or Kevin Hanegraaf at 920-832-3235.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Chomic". The signature is fluid and cursive, with a long horizontal stroke at the end.

Don Chomic

Director, Product Safety