IMPORTANT SAFETY RECALL

Date: 10/15/18
To: WTE5C/WTE5HP Series Water Trailers Owners
From: Multiquip Product Department
Subject: Trailer Axle Replacement — Mandatory Update

Dear Multiquip Customer,

Our records indicate your company purchased one or more models of the WTE5C/WTE5HP Series Water Trailers.

We have identified a limited production run of water trailers equipped with axle assemblies that do not meet the proper axle load ratings (3,500 lb. GAWR). This is due to mislabeled axles received from our supplier. THE AXLES ON YOUR WATER TRAILER ARE UNDERRATED (2,470 lb. GAWR) AND MUST BE REPLACED.

This recall notice applies only to the model(s) and serial number(s) specified in the accompanying service bulletin. Water trailers outside the specified serial number range are not affected.

Failure to repair imposes a safety risk. Safe operating and unit towing processes are in jeopardy due to the under rated GAWR capacity of the axles.

If this water trailer has been resold, please forward this bulletin to the new owner.

Your prompt attention to this matter is appreciated. If you have questions, please contact the Multiquip Technical Support Department at 800-478-1244 or techsupport@multiquip.com.

PARTS ORDERING INFORMATION

YOU MUST PLACE A PART ORDER WITH THE MULTIQUIP PARTS DEPARTMENT TO ENSURE PROPER SHIPMENT. Upon placing the order, the part needed will be shipped to you.

■ Parts order form has been enclosed for your convenience.
■ Use Multiquip’s SmartEquip™ Online Parts Order System for faster service.

WARRANTY INFORMATION

Campaign: Reference No. WT20180925

Option 1: To expedite warranty reimbursement, submit warranty claim online with Multiquip’s E-Warranty application. Contact the Multiquip Warranty Department for username and password.

Option 2: Fill out the enclosed Application for Warranty Consideration form and fax to the MQ Warranty Department.

Labor Allowance: 3.0 hour total flat rate for trailer axle replacement.
Application for Warranty Consideration

Your WO Ref #

NOTE: **THIS IS NOT A WARRANTY APPROVAL** until otherwise specified.

<table>
<thead>
<tr>
<th>Account No.</th>
<th>Unit Model #</th>
<th>Purchase Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dealer Name:</td>
<td>Serial #</td>
<td>Resale Date/in Service Date:</td>
</tr>
<tr>
<td>Address:</td>
<td>Hours Meter Reading:</td>
<td>Date of Failure:</td>
</tr>
<tr>
<td>City/State/Zip:</td>
<td>Engine Model #</td>
<td>Date of Repair:</td>
</tr>
<tr>
<td>Contact:</td>
<td>Engine Serial #</td>
<td>Date of Claim:</td>
</tr>
</tbody>
</table>

| Phone # | Fax # | Email: |

### PARTS REPLACED

<table>
<thead>
<tr>
<th>Qty / Hrs</th>
<th>Part Numbers</th>
<th>Item Description</th>
<th>Invoice or Packing List # On Replacement</th>
<th>Net Each</th>
<th>Extended Amount</th>
</tr>
</thead>
</table>

**PRIMARY FAILED PART** — List the defective part replaced (the part that caused the warrantable failure)

**ALL OTHER PARTS**— List all other parts used to complete the repair

| 1 | 29396-SK | Axle Assembly, TRLR70 Electric Service Kit |

Travel Time (allowed on Power Equipment only):

| Millage: | Freight: |

| Jobsite Address: |

**Total $**

| NOTE: Labor is subject for consideration by MQ approval. |
|-------------------|-------------------|-------------------|
| LABOR HOURS | LABOR RATE | AMOUNT |

| FSM Approval Ref # (If assigned by Field Service Mgr.) |
|-------------------|-------------------|
| Labor: 3.0 |
| Parts |
| Misc. |

| (Detailed) Reason for Warranty Claim |

**TOTAL CLAIM $**

**Problem/Cause:**

1. Current axle assemblies do not meet with proper axle load ratings (GAWR).

**Remedy/Notes:**

1. Replace existing axles with proper rated axle (3,500 lbs./1,587 kg) assemblies.
2. Affected axles (2,470 lbs.) must be returned to the vendor as follows:
   - Ship to: Dexter MWR, 1845 South 300 West, Salt Lake City, UT 841115
   - Attention: B. Quigley
   - Use account number: XPO Logistics 640849505

**PLEASE NOTE:** Affected axles must be shipped to vendor within 30 days.

***On-line Warranty Application is also available; please contact MQ Warranty Department to obtain access***

Revised 06/27/2012
Warranty Campaign WT20180925
Parts Order Form

Please Print Clearly and Provide Requested Information as Accurately as Possible.

P.O. # _______________________

<table>
<thead>
<tr>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29396-SK</td>
<td>Axle Assembly, TRLR70 Electric Service Kit</td>
</tr>
</tbody>
</table>

Model No. _____________________________ Serial No. _____________________________

Sold to Company: ___________________________ Acct. No. _____________________________
Contact Name: __________________________________________________________________

Ship to Company: __________________________________________________________________
Contact Name: __________________________________________________________________
Street Address: __________________________________________________________________
City: ____________________________________________________________________________
State/Province: ____________________________ Zip Code ____________

☐ I need Authorized Service Center (ASC) or servicing dealer assistance. Please contact me with additional information.

Return Today By Fax

Toll Free Fax: 800/672-7877 • Direct Fax: 310/637-3284
Toll Free Phone: 800/427-1244 • Direct Phone: 310/537-3700
Export Parts Orders Fax: 310/537-3371
Service Bulletin
WTE5C/WTE5HP Series Water Trailers

Product Group: Water Trailer Models: WTE5C/WTE5HP
Date Issued: 10/15/18
Service Bulletin No. WT20180925

<table>
<thead>
<tr>
<th>Bulletin Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>X  Mandatory</td>
</tr>
<tr>
<td>____ Information Only</td>
</tr>
<tr>
<td>____ Recommended Change</td>
</tr>
</tbody>
</table>

Details

Problem:
- A select number of water trailers were shipped with axle assemblies that do not meet with proper axle load ratings (GAWR).

Solution:
- Replace existing axles with proper rated axle assemblies.

Parts Information

Table 1. WTE5C/WTE5HP Axle Service Kit

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Part No.</th>
<th>Description</th>
<th>QTY.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29396-SK</td>
<td>Assembly Axle TRLR70 Electric Service Kit</td>
<td>1</td>
<td>Includes items 2-8</td>
</tr>
<tr>
<td>2</td>
<td>19761</td>
<td>Splice Terminal</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2540</td>
<td>Wire Butt Conector</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>29249</td>
<td>Axle, Hex Nut 9/16&quot;-18 N-2</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>29248</td>
<td>Axle, Mount Screw 9/16&quot;-18 X 3&quot;</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>29396</td>
<td>Axle, Electric Brake Assy, 3,500 lb (1,587 kg) Capacity</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>1662</td>
<td>Cable-Tie</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>49498</td>
<td>Instruction Sheet</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Figure 1. Electric Axle Service Kit (TRLR70)
**NOTICE**

Affected axles (2,470 lbs.) must be returned to the vendor as follows:

Ship to: Dexter MWR, 1845 South 300 West, Salt Lake City, UT 841115

Attention: B. Quigley

Use account number: XPO Logistics 640849505

Affected axles must be shipped to vendor within 30 days.
SAFETY

NOTICE
Only qualified personnel with proper training should perform this installation. Follow all shop safety rules when performing this installation.

PROCEDURE

NOTICE
The following step-by-step procedures are provided to assist in the removal and replacement of the tandem electric axle assemblies used on the Multiquip Water Trailer models: WTE5C and WTE5HP. Both axle assemblies will be replaced.

NOTICE
Secure trailer in accordance with Job Hazard Analysis (JHA) 20140618-002, Securing Trailer for Maintenance/Repairs.

Axle Removal

1. Place water trailer on firm and level ground (Figure 2). DO NOT place trailer on soft or uneven ground. Soft or uneven ground will not allow for secure placement of hydraulic jack or jack stands.

2. Position a hydraulic jack behind the tire, using the frame (only) as a lift or contact point. The use of a wood block is acceptable to extend the height of the hydraulic jack.

3. Raise the trailer until the tire is no longer contacting the ground. The tire should be able to freely rotate while maintaining a minimum clearance between the ground and tire.

4. Next, place jack stands underneath the trailer frame.

5. Remove the tires (4) - break the wheel lug nuts (5) loose with a ratchet (or breaker bar) and socket.

6. Save the lug nuts they will be used later.

7. Locate the wiring harnesses along the right and left side of the trailer rails beneath the trailer frame.

Figure 2. Trailer Placement

Figure 3. Jacking The Trailer

Figure 4. Removing The Tire
8. Open the splice terminals (P/N 19761) and remove the wires coming from the axle brakes as shown in Figure 5.

9. Loosen **axle hex nuts** (P/N 29249) as shown in Figure 6.

10. Loosen the **axle mounting screws** (P/N 29248); it may be necessary to gently tap the screw (Figure 7) to advance the splines of the screw.

11. To stabilize the tandem axle (Figure 8) equalizers during the axle replacement process, place a 2” X 4” (or like item) as shown on the opposite axle that is being replaced.

12. Carefully remove the **axle mounting screws** (16) lower and remove the axle (Figure 9). Discard screws and hex nuts.

---

**NOTICE**

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Attention: B. Quigley

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Affected axles must be shipped to vendor within 30 days.
New Axle Installation

**NOTICE**

New hardware has been provided and is required for installation of the new axle assemblies.

1. When installing the new axle (3,500 lbs/1,587 kg), place the axle so that the brake wires (Figure 10) are oriented towards the rear of the water trailer.

![Figure 10. Brake Wire Orientation](image)

2. Align the new axle assembly (P/N 29396) with the hanger on the frame and equalizer as shown Figure 11.

![Figure 11. Mounting Shackle Orientation](image)

3. Use new axle mounting screws (P/N 29248) and hex axle nuts to secure new electric brake axle assembly.

4. Fasteners should be only be *hand-tightened* at this time.

5. Use a ratchet and wrench to tighten axle mounting screws (P/N 29248) and hex axle nuts (P/N 29249) as shown in (Figure 12). **DO NOT** tighten screws all the way. Leave a 1/16" gap as shown in Figure 13.

![Figure 12. Tightening Axle Hex Nuts](image)

![Figure 13. Screw Gap](image)
6. Using a hammer, gently tap (prevents damage to screw head) the screws so that they lay flush against the bracket (Figure 14A-D)

**Axle Wiring**

**CURB-SIDE**

There are two wires extending from the axle tube as shown in Figure 15, connect these wires as follows:

- **NOTICE**
  - Wire colors may be different than those shown in Figure 15.

1. Using butt connectors (P/N 2540), attach the two wires coming from the axle tube to the two wires coming from the hub wire harness (Figure 15).

**STREET-SIDE**

There are two wires extending from the axle tube as shown in Figure 16, connect these wires as follows:

- **NOTICE**
  - Wire colors may be different than those shown in Figure 16.

1. Using splice terminal connectors (P/N 19761), attach the two wires coming from the axle tube to the two wires coming from the hub wire harness (Figure 16).
**HARNESS WIRING**

1. Use splice terminals (P/N 19761) to attach one wire to the RED wire and connect the other wire to the WHITE wire.

2. Use cable-ties to secure the wire bundles to the wire harness and axle tube as necessary.

**WHEEL MOUNTING**

**NOTICE**

NEVER use an pneumatic air gun to tighten wheel lug nuts.

Over-tightening lug nuts will result in breaking the studs or permanently deforming the mounting stud holes in the wheels.

**WARNING**

Lug nuts are prone to loosen after initial installation, which can lead to death or serious injury. Check all wheel lug nuts periodically.

**Lug Nut Torque Requirements**

It is extremely important to apply and maintain proper wheel mounting torque on the trailer. Be sure to use only the fasteners matched to the cone angle of the wheel. Proper procedure for attachment of the wheels is as follows:

3. Start all wheel lug nuts by hand.

4. Torque all lug nuts in sequence. See Figure 18. **DO NOT** torque the wheel lug nuts all the way down. Tighten each lug nut in 3 separate passes as defined by Table 2.

5. Check to see if the lug nuts are tight after the first 10, 25 and 50 miles of driving and before each tow thereafter.

**Figure 18. Wheel Lug Nuts Tightening Sequence**

<table>
<thead>
<tr>
<th>Wheel Size</th>
<th>First Pass FT-LBS</th>
<th>Second Pass FT-LBS</th>
<th>Third Pass FT-LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot;</td>
<td>20-25</td>
<td>50-60</td>
<td>90-120</td>
</tr>
</tbody>
</table>
NOTICE

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Attention: B. Quigley

Use account number: XPO Logistics 640849505

Affected axles must be shipped to vendor within 30 days.
HERE’S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

UNITED STATES

Multiquip Corporate Office                      MQ Parts Department
18910 Wilmington Ave.                         Tel. (800) 421-1244                (800) 427-1244                Fax: (800) 672-7877
Carson, CA 90746                              Fax (310) 537-3927               (310) 537-3700
Contact: mq@multiquip.com

Service Department                              Warranty Department
(800) 421-1244                                  (800) 421-1244                Fax: (310) 943-2249
(310) 537-3700                                  (310) 537-3700

Technical Assistance                           Fax: (310) 943-2238
(800) 478-1244

CANADA

Multiquip
4110 Industriel Boul.                       Tel: (450) 625-2244
Laval, Quebec, Canada H7L 6V3               Tel: (877) 963-4411
Contact: infocanada@multiquip.com          Fax: (450) 625-8664

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Multiquip (UK) Limited Head Office
Unit 2, Northpoint Industrial Estate,        Tel: 0161 339 2223
Globe Lane,                               Fax: 0161 339 3226
Dukinfield, Cheshire SK16 4UJ
Contact: sales@multiquip.co.uk

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