



Terex Utilities

SERVICE ADVISORY

SA-612-16

DATE: 12/21/16

REVISED:

TO: Dealers and Service Personnel

Models Affected: TCX 65/100

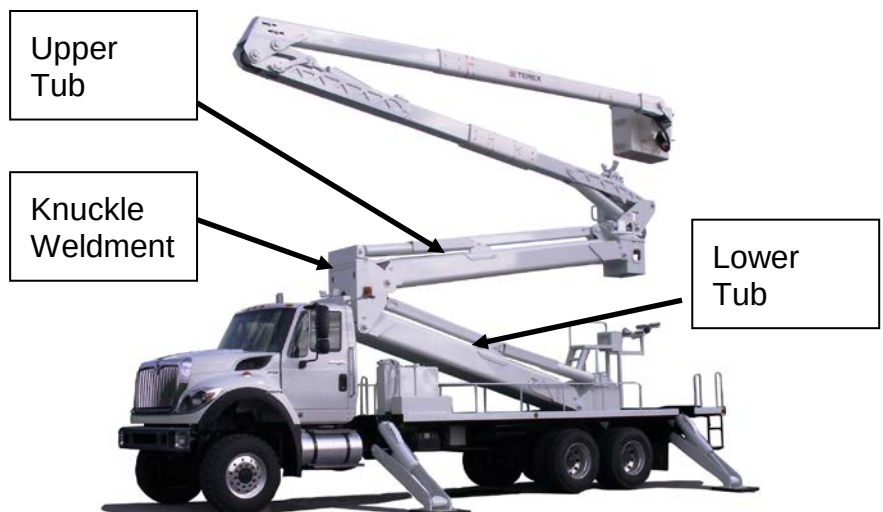
SUBJECT: 35 foot lift Knuckle Weldment

Issue:

The 35 foot double lift assembly used on TCX 65/100 aerials manufactured from July 2011 through April 2014 have a knuckle weldment, part number 498088 which may see excessive wear in the knuckle pin hole bores and cause noise. **Continued use may cause premature wear of the weldment.**

Action:

Inspect the knuckle weldment for movement of the pins connecting the large tubs to the knuckle weldment. If movement exceeding .030 inch is detected, contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, terexutilities.com, call Terex Utilities at 605-882-4000 or by email at utilities.warranty@terex.com to arrange for repair. These repairs can only be performed at Service Centers, not in the field. Field Service kit Z1327 is available for you nearest Terex Utilities dealer for installation on your unit.

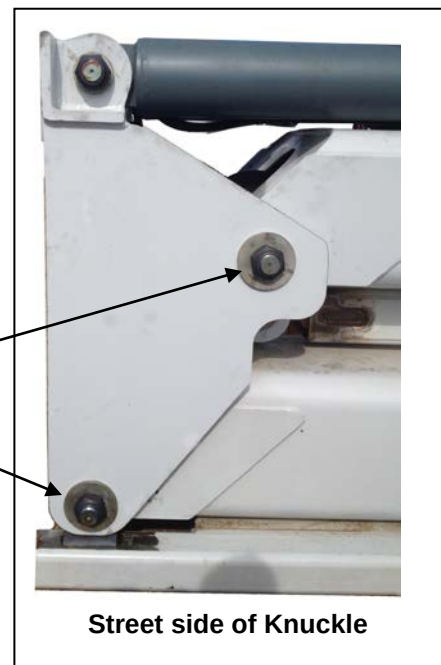


Inspection procedure:

Refer to the Operator's Manual for proper set up before inspection. Inspect both sides of the lift knuckle weldment for movement of the pins. Movement over .030 in (1/16 inch) of the pins relative to the sides of the knuckle indicates the pin hole has enlarged and repair is required. The inspection will involve marking the pins and then raising both lift booms about two feet each. Then return to the stowed position. Evaluate the movement of the pins when in the two positions.

One side will have nuts on the pin. On this side determine if the washer is moving on the knuckle weldment. The other side has pin retainers which prevent rotation of the pin.

Inspect street side for movement of the washer on the knuckle weldment. Mark the outside of the washer on the knuckle and determine the movement as the lift is raised and stowed.



The curb side will have pin retainers to prevent turning. Inspect the welds of the retainer to the knuckle for damage and movement of the pin. Repair retainer welds if required.

