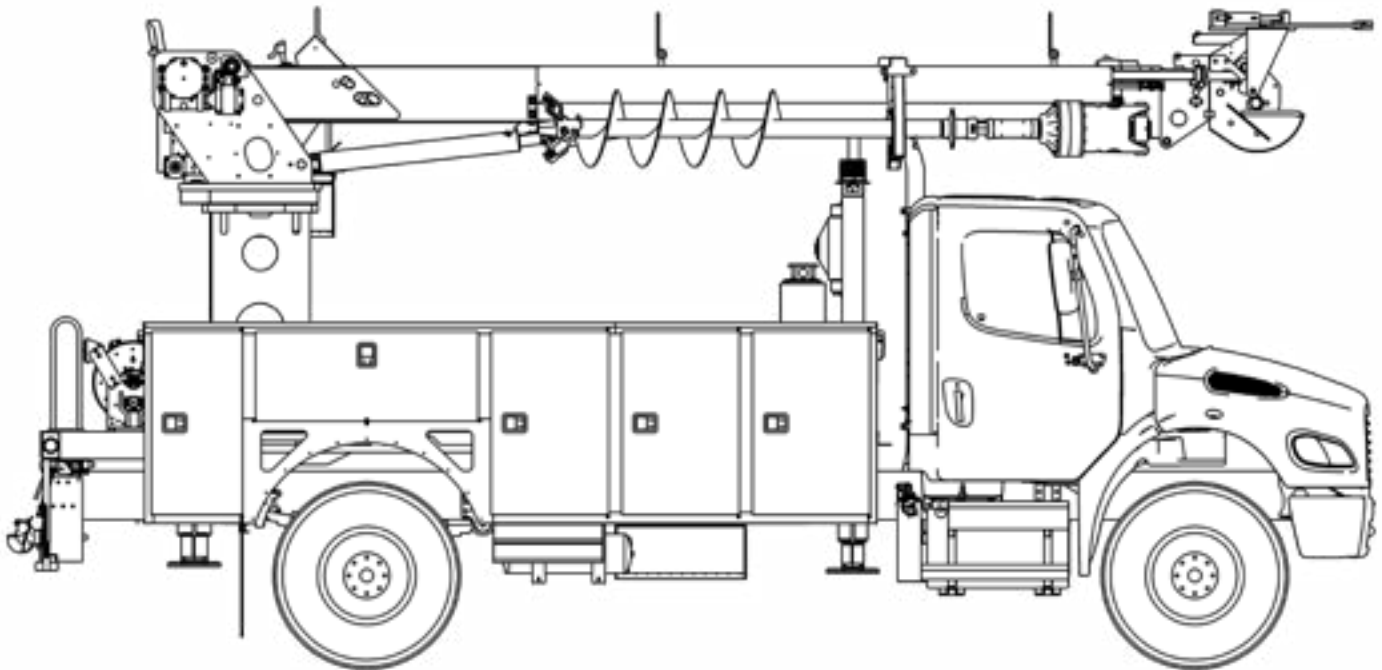




TECH TIPS

REPLACING THE BATAVIA PIN

NO. 146



SERVICE CALL:
REPLACING THE BATAVIA PIN



MODEL(S):
C4000, C5000, C6000



TOOLS NEEDED:
SANDPAPER
DIE GRINDER WITH ROUND BIT
HAMMER
FIBERGLASS MATTING AND RESIN
GELCOAT
CLAMPS

TEREX UTILITIES TECHNICAL SUPPORT TEAM

PHONE: 1-844-TEREX4U (1-844-837-3948) | EMAIL: UTILITIES.SERVICE@TEREX.COM



DANGER

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury.

Many of the hazards identified in the Operator's Manual are also safety hazards when maintenance and repair procedures are performed.

DO NOT PERFORM MAINTENANCE UNLESS:

- ✓ You are trained and qualified to perform maintenance on this machine.
- ✓ You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- ✓ You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this Tech Tip is a supplement to the Service Manual. Consult the appropriate Service Manual of your machine for safety rules and hazards.



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Introduction

A Batavia pin (**Figure 1**) has a cam-style lock used to hold the load line sheave in place. This procedure outlines how to replace this pin.

STEP 1

Position unit in safe location with the boom off the side or rear to allow access to the boom tip from the ground.

STEP 2

Remove the load line from the boom tip.



FIGURE 1

STEP 3

On the inside of the boom, grind off the gelcoat down to bare fiberglass until the plug is visible.



STEP 4

Carefully grind out the plug using a die grinder with a round bit until the steel pin is exposed.

STEP 5

Take a hammer and drive the Batavia pin out of the hole. **Figure 2**

The rest of the plug should just pop out.



FIGURE 2

STEP 6

When the Batavia pin is removed it will look similar to **Figure 3**.



FIGURE 3

STEP 7

Clean up the hole in the fiberglass.

STEP 8

Insert a new Batavia pin into the hole. Using a hammer and punch, gently tap it into place, making sure to bottom it out in the hole.

STEP 9

Mix up crushed fiberglass with resin and fill the hole with the mixture.

STEP 10

Clamp a piece of hard plastic on the backside of the Batavia pin to hold the fiberglass resin in place while it cures.

STEP 11

Once the fiberglass is cured, remove the clamps and plastic, then sand the area smooth.

STEP 12

Install sheave and sheave pin.

STEP 13

Operate the unit through its full range of functions before returning it to service.



FOR FURTHER ASSISTANCE,
CONTACT THE TEREX UTILITIES TECHNICAL SUPPORT TEAM
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