



An Oshkosh Corporation Company

SkyTrak Joystick Cable Adjustment

Service Instructions

Service Procedure

The purpose of this procedure is to adjust the joystick cable on SkyTrak model telehandlers.

It is recommended that you read and thoroughly understand these instructions before starting this procedure.

CAUTION

Use all applicable Safety precautions while working on, around or under any machinery.

Models Affected:

SkyTrak series models:

6036
6042
8042
10042
10054

Parts Required: (for reference only)

8160076 - Cable, Joystick Control 65"
- or -
8160077 - Cable, Joystick Control 77"

Tools & Equipment Required:

- Standard mechanics tools.

Personnel Required:

Note: *Qualified JLG equipment mechanic*

CAUTION

Ensure the boom is fully retracted and lowered and that the wheels are securely chocked. Turn off the engine, apply the park brake, and remove the key.

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SERVICE PROCEDURE:

1. Remove the side panel inside the cab to gain access to the cables connected to the joysticks and the outside panel to gain access to the valve assembly.

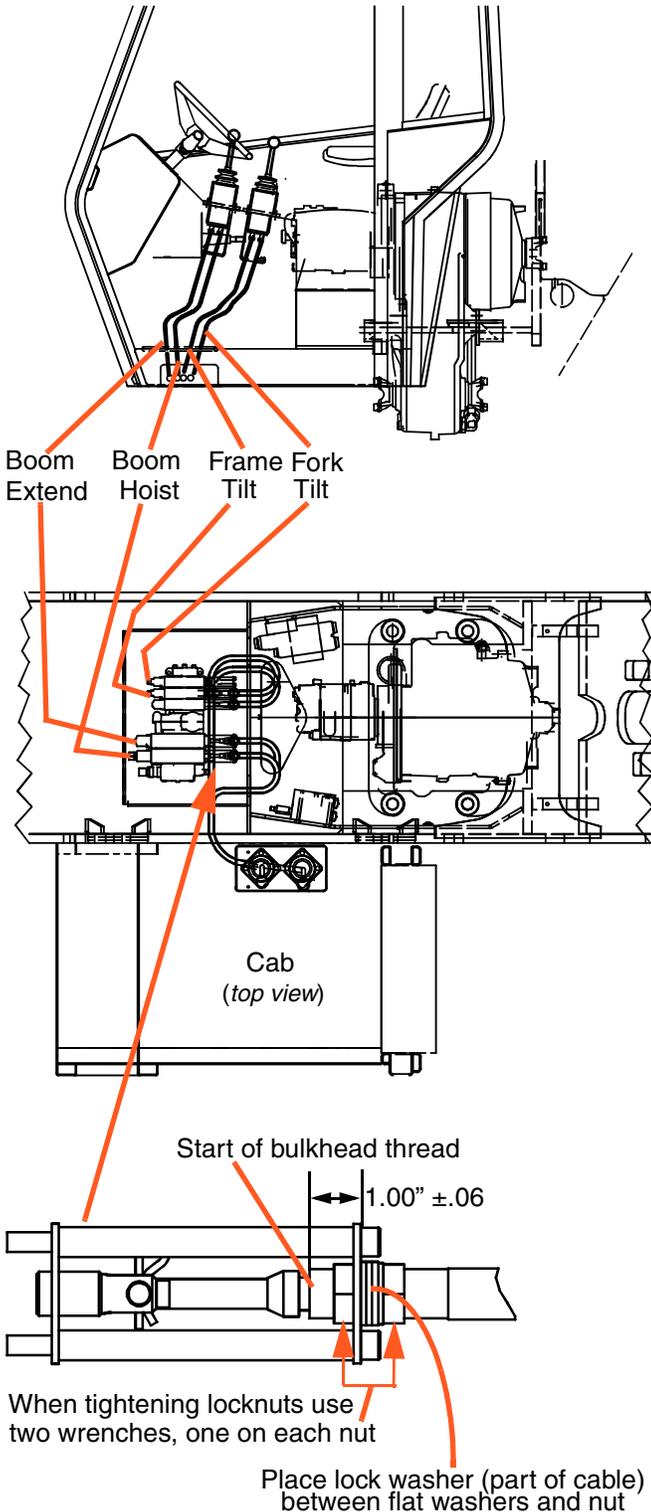


Figure 1: Joystick Cable Routing

2. Install the cable to the applicable joystick and valve connections.
3. Ensure the cable is not binding or pinched during the routing.
4. At the joystick controller end position cable jam nuts at both ends of the cable end thread.
5. Insert the ball end of the cable into the threaded hole in the bottom of the joystick plunger.
6. Screw the cable end sleeve into the joystick plunger.
7. Use two wrenches, one on the joystick plunger and one on the cable end sleeve.

Note: Torque to: 35-50 IN LBS.

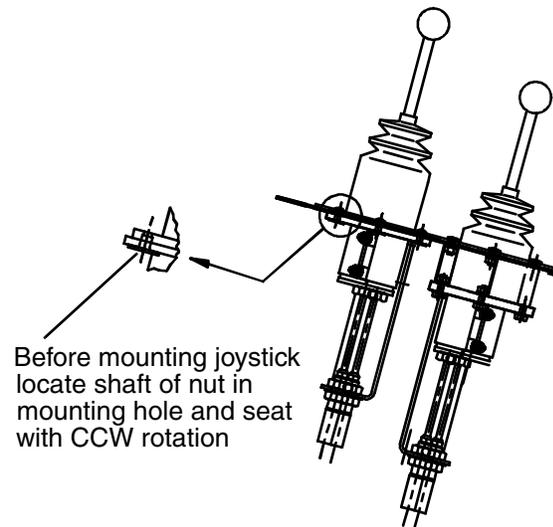


Figure 2: Joystick controls

8. With the joystick in the NEUTRAL position, hand tighten both cable nuts against the joystick bracket. Wrench tighten the cable nuts.
9. With the joystick in the NEUTRAL position, the cable to valve spool pin must be free.

Proceed to the Function Test on the following page:

 **CAUTION**

Place machine in an area free of obstructions to prevent a crushing hazard.

Function Test:

1. Set the Parking Brake on the machine and start the engine.
2. With both joysticks in the NEUTRAL position run the engine RPM's approximately one-half throttle and verify that no functions are moving.
3. With engine still at half throttle select and operate a function by stroking the joystick. Verify movement of only the selected function.
4. With engine still at half throttle return the joystick to the NEUTRAL position and verify all functions has stopped.
5. Repeats steps 3 and 4 with the other joystick functions before returning the machine to service.