

T-Point Lift

By
RANCH SOLUTIONS

1640 CR 2015
Ivanhoe, TX 75447

T-POINT LIFT INSTALLATION AND ADJUSTMENT PROCEDURE



T-POINT LIFT SPECIFICATION AND STANDARD FEATURES:

Slides into any standard 2-inch receiver with solid 2 inch receiver mount
Designed for category 1 tractor implements. Light weight Cat 0 implements can also be used. Fully Adjustable

Can be installed on Pickup trucks, SUVs, larger utility vehicles and ATVs
Integrated 12V Hydraulic system that uses only 3 quarts of fluid with fully wired remote activated control.
Integrated Safety chains
Fully painted heavy wall steel

Has the capability to lift over 2000 LBS* *When installed on Full Size Pickup, Full size Van or Full size SUV with frame mounted receiver hitch*

T-Point Lift Installation

It is very simple to install and assemble the T-Point Lift.

1. Insert the frame assembly into your 2-inch receiver, installing the retaining pin and safety chains.
2. Next, you place the upper lift arm onto the T-Point Frame with quick attach pin. Then Install the lower lift arms at this time with two small retaining pins.
3. Mount the Hydraulic power pack to the frame assembly. Fill reservoir with a Universal Tractor Transmission/Hydraulic fluid or(UTF). If un-available Dextron III may be used. Using a straight viscosity Hydraulic fluid is not recommended.
4. Then install the hydraulic cylinder with two quick attach pins. Plug in hydraulic Hose to quick coupler on hydraulic power pack.
5. Two adjustable lift links can be installed between upper lift arm and lower lift arms.

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6. Connect electrical 12v power supply wire to bottom lug of relay located on the side of hydraulic power pack motor. 12v ground wire must be installed on hydraulic power pack aluminum block in one of the two threaded holes provided. The power cables then can be connected to positive and Negative terminal on battery and place remote control within easy reach while operating vehicle.
7. With power and hydraulic fluid installed actuate hydraulic up button to fill cylinder with fluid. After pushing the up button press the down button and at the same time push down on the upper arm with one hand. This may have to be done several times to prime the pump and cylinder. Reservoir may have to be topped off several times.

8. ADJUSTMENT FOR YOUR IMPLIMENT:

This is the procedure that is used for properly adjusting the T-Point Lift using the lift links and the upper lift arm for the proper fit of your implements. Failure to follow this procedure can damage your T-Point Lift or your Implement:

1. Start by leveling the Lower arms. The adjustable links attached to the upper and lower arms may have to be adjusted by rotating the center barrel of the link to get it in proper alignment with the lower lift arm pin.
2. Attach your implement to the T-Point Lift lower lift arms by actuating the hydraulics to raise the lower arms to proper height of implement pins and pin in place.
2. With the implement attached in a level attitude, install the top link on the end of the upper lift arm. The top link should be almost parallel with the ground when side adjustable links are at the proper height.
3. Adjust top link to get proper length to implement then pin in place. The top link while pinned at each end can adjust the camber of the implement to pivot the rear of it up or down.
4. A second hole on Upper lift arm is provided for additional adjustment if needed.

9. Hook up your CAT 1 implements and put them to use behind your vehicle or UTV. When it is time to remove the device, you have two options. Leave the implement attached and remove the T-Point from the receiver fully assembled or disconnect the 3-Point implement and then remove the T-Point. It is that simple.