

How to Replace a hydraulic cylinder for tractor

[hydraulic cylinders for tractors](#) is an important part of the tractor hydraulic system, mainly used to control the lift and tilt of the tractor flatbed. When the hydraulic cylinder fails, it needs to be replaced in time to ensure the normal operation of the tractor. Below, I will provide detailed answers from the selection of hydraulic cylinders, replacement steps and precautions.

First of all, the selection of hydraulic cylinders is very important. When choosing hydraulic cylinders, the following factors need to be considered:

1. Load-bearing capacity: according to the weight and working conditions of the tractor flatbed, select the hydraulic cylinder with appropriate load-bearing capacity. Generally speaking, the rated carrying capacity of the hydraulic cylinder should be greater than the maximum working load of the flatbed.

2. Stroke length: according to the flat plate lifting and tilting requirements, select the appropriate stroke length of the hydraulic cylinder. Stroke length should be able to meet the working requirements of the plate, while taking into account the installation space of the hydraulic cylinder.

3. working pressure: according to the working pressure of the hydraulic system, select the appropriate working pressure of the hydraulic cylinder. The rated working pressure of the hydraulic cylinder should be greater than the maximum working pressure of the hydraulic system.

4. installation size: according to the hydraulic cylinder installation space and connection, select the appropriate size of the hydraulic cylinder. The installation size of the hydraulic cylinder should match the installation size of the tractor flatbed.

When performing hydraulic cylinder replacement, the following steps need to be followed:

1. Stop the machine and cut off the power supply to the hydraulic system and the supply of hydraulic oil.

2. Remove the original hydraulic cylinder: loosen the connection bolts of the hydraulic cylinder first, then remove the hydraulic cylinder from the plate.

3. Install the new hydraulic cylinder: Install the new hydraulic cylinder on the plate and fix it with the connecting bolts.

4. Connect hydraulic lines: Connect the hydraulic lines to the inlet and outlet of the new hydraulic cylinder.

5. Check and test: Check whether the hydraulic cylinder is firmly installed, and then carry out the test of the hydraulic system to ensure the normal operation of the hydraulic cylinder.

When carrying out hydraulic cylinder replacement, the following points need to be noted:

1. safe operation: when replacing the hydraulic cylinder, make sure that the tractor is in a stop state, and cut off the power supply of the hydraulic system and the hydraulic oil supply to avoid accidental injury.

2. Use of proper tools: When replacing the hydraulic cylinder, use proper tools, such as wrenches and wrenches, to ensure the accuracy and safety of the operation.

3. Disposal of hydraulic oil: When replacing hydraulic cylinders, pay attention to the disposal of hydraulic oil. You can put the old hydraulic oil into a special container and send it to the designated recycling station for disposal.

In conclusion, the replacement of [hydraulic cylinders for tractors](#) is an important maintenance work, which needs to be operated according to the selection of hydraulic cylinders, replacement steps and precautions. Only the correct selection and installation of hydraulic cylinders can ensure

the normal operation of the tractors.

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