

Directions for the installation of the maintenance kit for Jackall Jack

Kit contents

- 2 x Lifting pins
- 2 x Lifting pin dowels
- 2 x Lifting pin springs
- 1 x Reversing switch spring
- 1 x Reversing switch
- 1 x Reversing lever
- 1 x Pitman

Lubrication

Lightly grease -

- > Reversing switch and lever beam
- > Lifting pin support brackets, under dowel pins

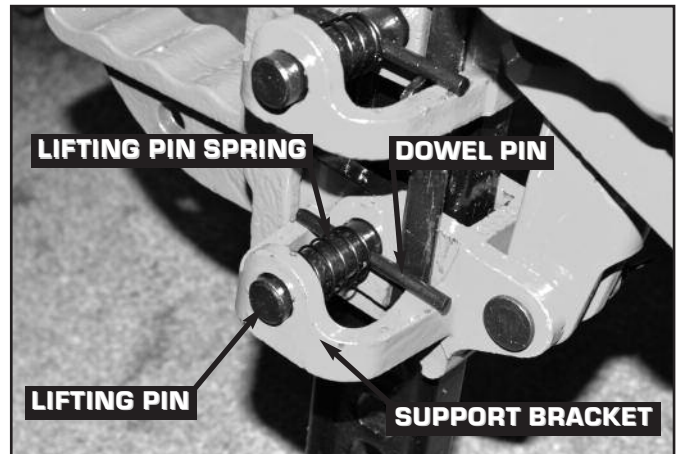
Oil -

- > Lifting pins
- > All other moving parts and pins



Lifting Pin Assembly

1. To remove: Drive out dowel pin, lifting pin will slide out freeing its spring.
2. To replace: Insert new lifting pin through outboard support bracket, through a new spring and through the inner hole (see diagram). Make sure that the bevel in the pin nose is on the **upper** side (i.e. away from the base) and towards the beam.
3. Pull the spring away from the beam and insert a new dowel pin through the hole in the lifting pin. Drive in with a hammer until it is centered.
4. The dowel pins should not bind on the edges of the lifting pin support brackets when the lifting pins move in and out. If they do, bend one end of the dowel pin up slightly with a large screwdriver.



Reversing Switch Assembly

Note - Perform these operations with the jack laid flat with its base to your right

1. To dismantle: Loosen reversing lever screw sufficiently to allow the lever to be lifted over and away from the reversing switch.
2. Pry lower end of reversing switch spring off its projection on the switch and upwards. Remove.
3. While lifting upper lifting pin assembly lift up and pull on the reversing switch. With a twisting and pulling motion you will be able to withdraw it from around the projecting lifting dowel pins. Remove.
4. To replace assembly:
 - i. First insert a new spring in its socket.
 - ii. Next, take the new reversing lever, lightly grease it, and while alternately lifting the lifting pins, work its long tail down through under the two lifting pin dowels. As when you withdraw the old switch, it will probably be necessary to twist the switch somewhat in order to insert it fully.
 - iii. Reach under the head of the now fully inserted reversing switch with a screwdriver and compress the new reversing switch spring installed in step 4(i). Slip its free end over the small projection in the new reversing switch head and allow the switch to drop down in place.
 - iv. Swing the loosened reversing lever around to its correct position again and commence tightening its screw. Stop when the lever can still rotate freely but has practically no vertical play. The screw should still be reasonably tight.

