

Rear Door hinges.

By Ron LeFevre – 1/2006



If you have a Discovery 1 or Series 2 and your rear door does not move easily, it may be from rusty hinges. Later models have a different style rear hinge that makes it harder for water to get in, but this makes it also harder for oil to get to the hinge pin. One can try and oil them, but if they are already rusty, there is no place for the dirt and rust to get out.

1. Tape around the hinge to protect the paint.
2. Remove rear tire, for more space.
3. Center punch the hinge. Make sure the placement of hole does not get blocked when door opens, see pictures.



View from above.



Close-up of hinges and zirk placement.

4. Drill, using a 5/32" bit, only as deep as the outside of hinge; do not drill deeper into the pin.

5. Spray oil in from top and in to hole. Dirty, rusty stuff will come out. Open and closed the door to help break loose the rusty stuff. Repeat the oiling until clean oil comes out the hole you just drilled.
6. Now that it is cleaned, tap the hole using self-tapping grease zirk, a socket, and nut driver.

This is a cheap and easy way to fix the problem, but new hinges may be needed if the hinges are badly rusted.

Tools needed-

Drill

5/32 drill bit

Center punch

Hammer

5/16 socket with nut driver.

Supplies needed-

Blue masking tape, to protect the paint while center punching and drilling.

Self tapping tapped grease zirks.