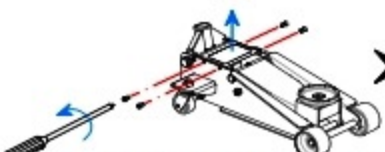


1



1. With a phillips head screwdriver remove the cover plate screws and cover plate. Remember when reinstalling the cover plate to have the angled side of the cover plate face the rear of the jack to avoid damage.

2



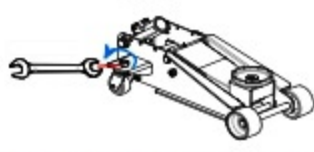
2. Using a hex key wrench (5 mm) remove the two screws holding the upper cross member in place and remove the upper cross member. At this time ensure that the release valve is in the open position.

3



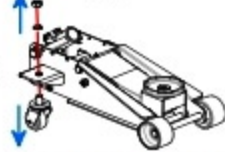
3. Lean the handle fork forward to disengage and remove the u-joint for the release mechanism. For easier installation, remove the handle fork by removing the two bolts holding it in place.

4



4. Using a 22mm wrench loosen the top nut for the rear casters. (Can be skipped if you have a long allen wrench.)

5



5. Disassemble and remove both rear caster assemblies. (Can be skipped if you have a long allen wrench.)

6



6. Using a hex wrench (5mm) remove the two bolts holding the lower cross member in place and remove the lower cross member. Then, with a 10mm hex wrench, remove the four bolts attaching the rear of the power unit to the side plates of the jack.

7

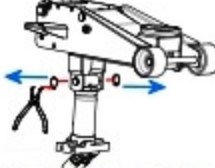


7. Once the four rear bolts are removed carefully drop out the power unit from the bottom of the jack (8).

8



9



9. Once the power unit is dropped remove the two c-clips holding the unit to the link arms using snap ring pliers.

10



10. The unit is now free and can be completely removed from the jack.

11



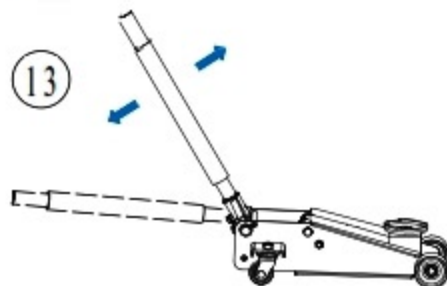
11. With the power unit separated carefully remove the return spring(s) by using a pair 90 degree needle nose pliers. Once removed, the drag link block can be separated from the power unit by removing the cotter pin. If necessary use a shop hammer to lightly knock the drag link block loose.

12



12. With the new unit in hand, lubricate the contact points of the pump springs. Reverse the previous steps listed to reinstall the new power unit.

13



13. Once installed, test the functionality of the new pump. Follow air bleeding procedures if necessary to ensure full functionality of the newly installed pump.

Troubleshooting – Required tools



Phillips head
screwdriver
(flat head
optional)

Hex wrenches
(5 , 8 and 10mm)

Snap ring pliers

90 degree
needle nose
pliers

Crescent
wrench