

QuickJack TSB 180-092025 Quick-Connect Remove and Replace

This Technical Service Bulletin provides an outline of best practices when removing and replacing hydraulic Quick-Connect type couplings on the QuickJack portable vehicle jack.

Tools required:

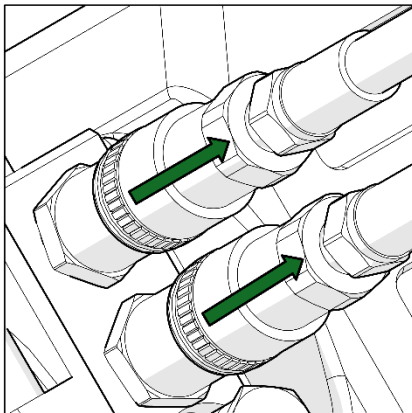
- Open end wrench set
- Replacement quick-connect couplings:
 - Male Power Unit (5550413)
 - Female Hose (5550031)
 - Male Hose (5550032)
- Teflon thread sealant
- Hydraulic fluid clean-up kit
- Gloves to handle hydraulic fluid
- Oil absorbent materials
- Cleaning fluids
- Silicone O-ring lubricant
- Replacement (clean) hydraulic fluid
- Clean shop towels
- Push broom or stiff-bristled brush for scrubbing.
- Dustpan and broom for sweeping up absorbent materials.
- Clean shop towels.
- Closable container for waste hydraulic fluid
- *QuickJack Setup and Operation Manual*

⚠ WARNING Always wear eye protection and gloves when handling hydraulic fluid and quick-connect fittings. Wash hands and follow the hydraulic fluid or lubricant manufacturer's material safety recommendations.

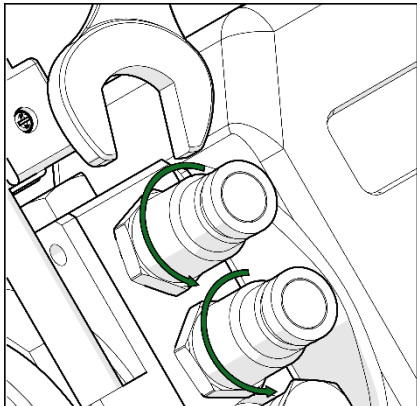
⚠ WARNING Used hydraulic fluid is a hazardous waste. The hydraulic fluid, hoses, fittings, and the power unit itself must be disposed of in accordance with current national, state, and local regulations governing the use and disposal of hazardous materials. These components and the hydraulic fluid are required to be recycled or must be delivered to a hazardous waste collection facility.

To remove existing Quick-Connect Fittings:

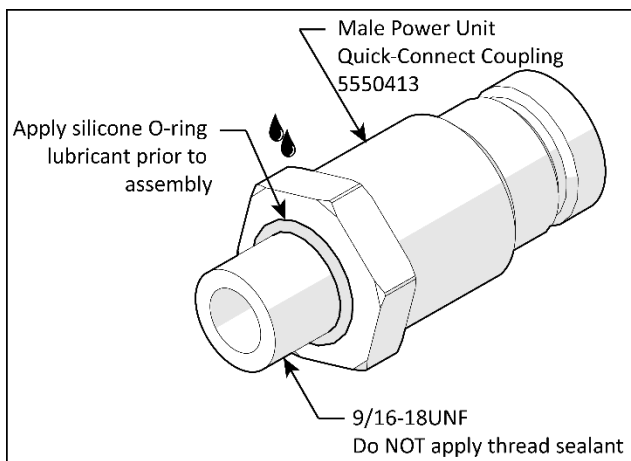
1. Connect the QuickJack power cord to a receptacle.
2. Remove all hydraulic pressure from the QuickJack by pressing the down button and holding it down for a minimum of five seconds after the frames have reached the ground.
3. Unplug the QuickJack power cord from the receptacle.
4. Disconnect the Quick-Connect male and female couplings from each other at the power unit.



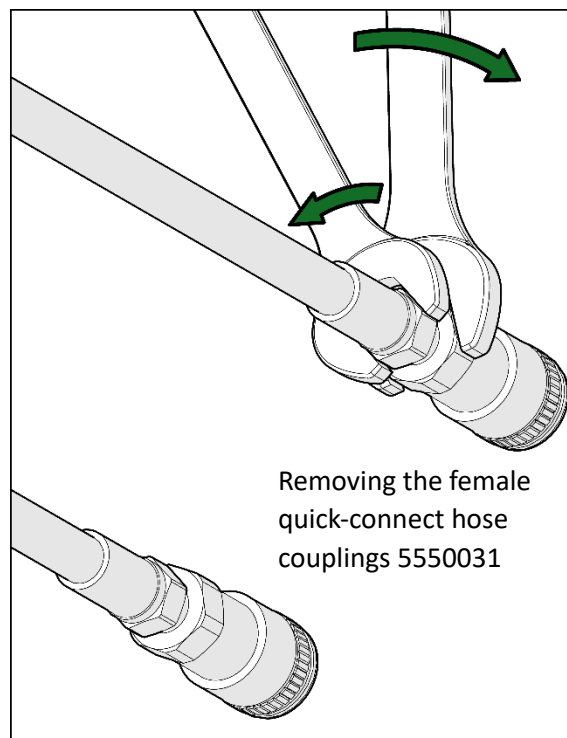
5. Remove both Male Quick-Connect fittings attached to the output ports at the power unit.



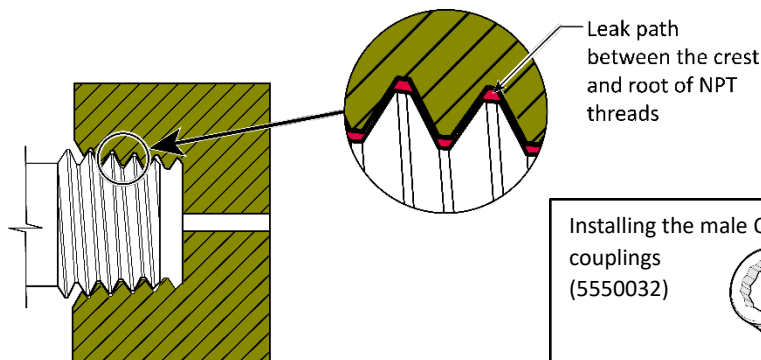
6. Carefully clean the output ports on the power unit.
7. Apply a small amount of silicone O-ring lubricant or a few drops of clean hydraulic fluid to the O-rings on the new male quick-connect power unit fittings (5550413).



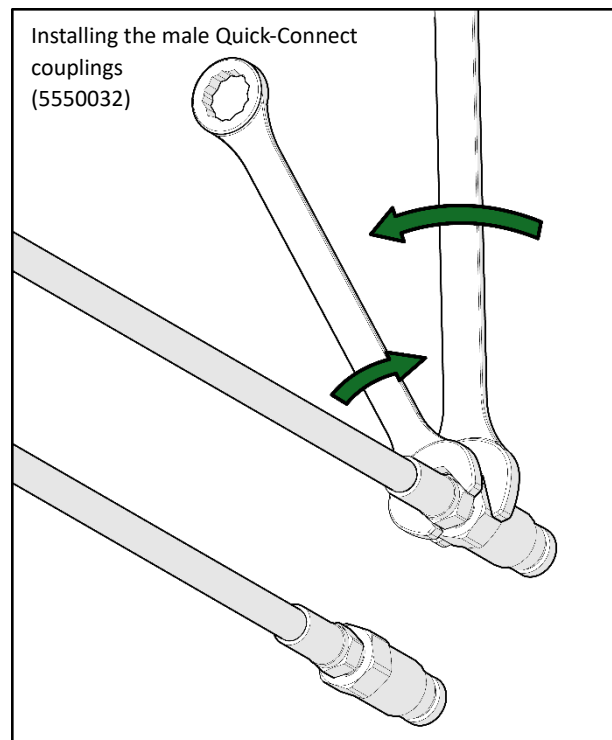
8. Thread the new male quick-connect fittings into the power unit and carefully tighten.
9. Remove the four female quick-connect couplings from each long hydraulic hose.
10. Pour any excess fluid from the hoses into a container for disposal.
11. Carefully clean the male NPT threads on both hydraulic hoses.
12. Inspect the male fitting NPT threads on the long hoses for damage. If the threads are damaged, the entire long hose assembly must be replaced.
13. After cleaning and drying both the male and female threads, apply thread sealant in accordance with the manufacturer's instructions and install the new female quick-connectors (5550031) on each long hose. Allow the sealant to cure in accordance with the manufacturer's instructions.



⚠ WARNING Leakproof NPT threads must have thread sealant applied. The shape of NPT threads creates a small gap between the crest and root of the mating threads. This gap will allow hydraulic fluid to leak unless a thread sealant is used.



14. Remove the two male quick connect couplings (5550032) installed on the short hoses attached to each hydraulic cylinder on each QuickJack frame.
15. Pour any excess fluid from the short hoses and cylinders into a container for disposal.
16. Carefully clean the male threads on both short hydraulic hoses.
17. Inspect the male threads for damage. If the threads are damaged, the entire short hose assembly must be replaced.
18. After cleaning and drying the male threads, apply thread sealant and install the new male connectors (5550032) on each long hose.
19. Wait the prescribed time for the thread sealant to cure. Some sealants may take up to 24 hours to cure completely. Refer to the application instructions supplied by the sealant manufacturer.



20. Apply silicone O-ring lubricant to the male quick-connect couplings.

21. Reconnect the long hoses to the short hoses and then connect to the power unit.

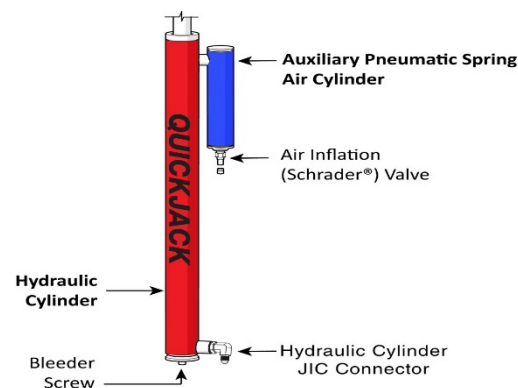
22. Fill the power unit reservoir with clean hydraulic fluid. Refer to the *Setup and Operation Manual*.

23. Fill the auxiliary pneumatic springs to 50psi (3.4 bar).

24. Connect the QuickJack power unit plug to a power receptacle.

25. Bleed the hydraulic cylinders as described in the *Setup and Operation Manual*.

26. Test the QuickJack as described in the *Setup and Operation Manual*.



If you experience difficulties with your QuickJack that you cannot resolve, please contact QuickJack Technical Support at **support@quickjack.com**, **(888) 262-3880** or **(805) 933-9970**.

QUICKJACK™

30440 Agoura Rd.
Agoura Hills, CA. 91301 USA
Toll Free: (888) 262-3880
quickjack.com