Des Plaines Fire Department
Floor Jacks Training Bulletin

Floor Jacks

Purpose: To provide a tool for rapid lifting of a vehicle in conjunction with cribbing assemblies.

Key Points

Make sure vehicle stability is constantly monitored during the lifting operation. Lift only as high as is required for the operation. If initial height of vehicle to be lifted (SUV, small trucks), a box crib may also be built to decrease the lifting distance from ground allowing the jack to be set on the platform. In all operations, a box crib and wedge system must be used to accept the load from the jack once the height is achieved. Jack should be lowered to allow vehicle to rest on cribbing.

3 Ton Aluminum Floor Jack

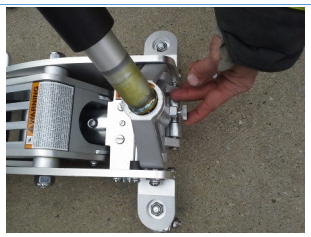
Tower 61 and Tower 63 equipped with identical units.

Floor jack in use for lifting operation—note cribbing

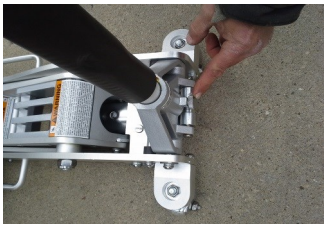
Box cribbing or other load transferring system used with jack at all times.

Step 1—Vehicle lifting scene assessment; identify scene hazards and ensure wheels of vehicle are chocked and transmission is in park.

Step 2—To assemble handle, press spring button and inser upper handle into the lower handle until spring button engages.



Step 3—Place handle into handle socket on jack and make sure bottom of handle engages the release valve u-joint.



Step 4—Tighten screw to secure handle into the yoke of the jack.

Step 5—To operate jack, turn handle clockwise until it stops . Center saddle plate under load.

Step 6—Pump handle to lift vehicle using slow and steady pumps until desired height is reached.

Notes

* Store saddle (lifting plate) in the lowest position.
* After load is raised to its maximum height, place cribbing to level for load to rest on. Turn handle counterclockwise **slowly** until saddle is free of load. Turn handle back clockwise and keep saddle in contact with load until operation is complete.
* Max lifting capacity is 3 tons; max lift height is 18”.
* Unit weights almost 60 pounds, use care when lifting.